MESTRA

LABORATORY CATALOGUE

2024

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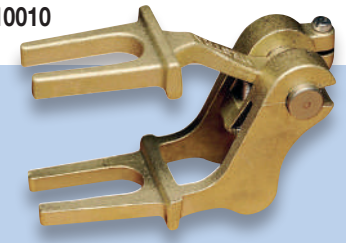
Articulators

MESTRA®

Articulator
(hinged; for complete dentures)

Ref. 010010

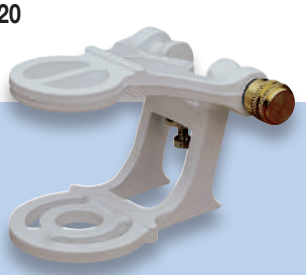


65 mm DIMENSIONS 40 mm 108 mm 0,310 kg

Hinged articulator with stainless steel adjustment axle and adjustment screw. Made of high quality brass.
Adjustable by means of a screw.

Articulator *(cone articulator)*

Ref. 010020

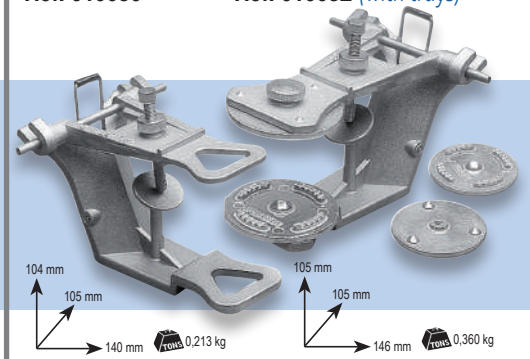


69 mm DIMENSIONS 90 mm 111 mm 0,210 kg

This articulator is adjusted by means of cones: one fixed and the other moveable. This prevents disadjustments due to wear.

Articulator *(functional movement articulator)*

Ref. 010030 **Ref. 010032** *(with trays)*

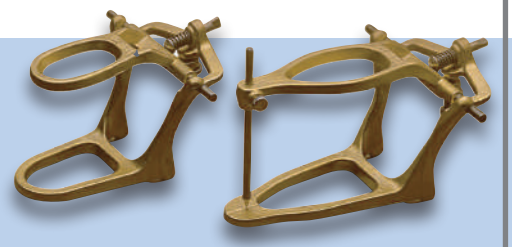


104 mm 105 mm 140 mm 0,213 kg
105 mm 105 mm 146 mm 0,360 kg

It is made in light alloy and combines perfectly weight and endurance. It accurately reproduces jaw movement thanks to its central spring and the lean of the supports

Functional articulator

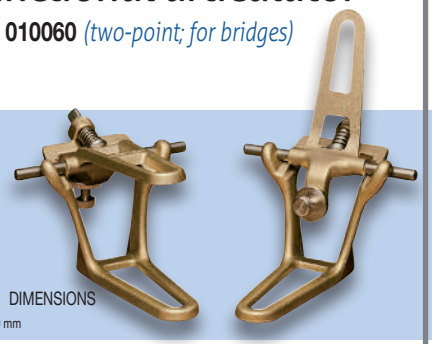
Ref. 010040 *(two-point)* **Ref. 010050** *(three-point)*



78 mm DIMENSIONS 115 mm 126 mm 0,287 kg
95 mm DIMENSIONS 115 mm 145 mm 0,348 kg

Functional articulator

Ref. 010060 *(two-point; for bridges)*

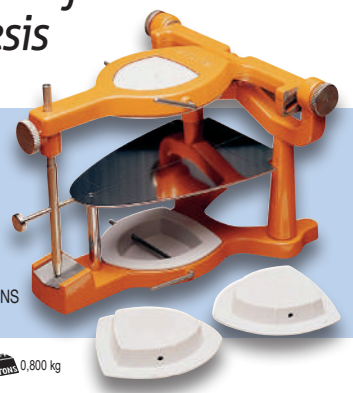


72 mm DIMENSIONS 80 mm 110 mm 0,161 kg

Made of brass and stainless steel. Thanks to the spring fitted at the centre of the maxilla, this can be moved and then returned to its original position

Articulator for balanced prosthesis

Ref. 010070



110 mm DIMENSIONS 142 mm 150 mm 0,800 kg

Equipped with removable plastic bases, it allows to operate with several models at the same time.

Balanced articulator
(light) **Ref. 010090**

130 mm DIMENSIONS 125 mm 160 mm 0,600 kg

The MESTRA articulator reproduces jaw movements based on average records obtained from clinical diagnoses

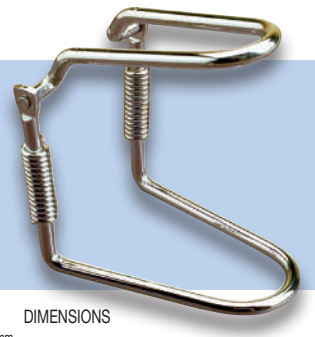
Balanced articulator
(light) **Ref. 010090 B**

130 mm DIMENSIONS 125 mm 160 mm 0,580 kg

Same characteristics of Ref.010090, without the occlusal plane.

Spring articulator

Ref. 010150



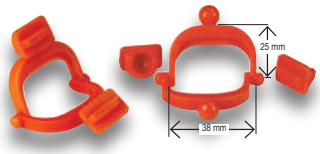
70 mm DIMENSIONS 52 mm 70 mm 0,058 kg

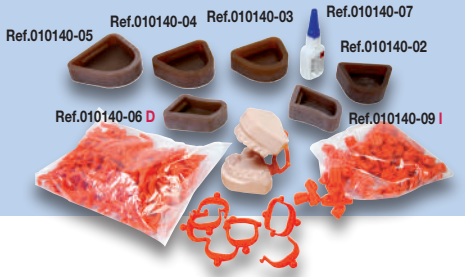
Plastic articulator *(disposable)*
(100 articulators)

NEW

Plastic articulator *(disposable)*

Ref. 010140 ***Complete kit***. Presentation:
4 bases for complete prosthesis
2 bases for partial prosthesis
1 x 20 g container of cyanoacrylate
50 articulators





(L) 250 x (W) 150 x (H) 100 mm | 1,039 kg

Spare parts *(100 articulators)*

Ref. 010145

Articulators

MESTRA®

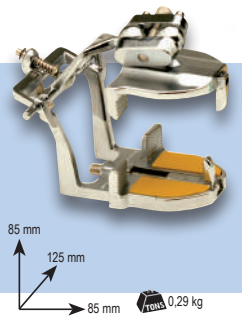
Condylar articulator

(magnetic) **Ref. 010185**

(pins) **Ref. 010186**

Quick fixing articulator

(for complete prosthesis) **Ref. 010160**



(for partial prosthesis) **Ref. 010172**

Model formers for partials (2 u.)
Small **Ref. 010170-P**
Large **Ref. 010170-G**

MESTRA® by bio·art intelligent solutions

Arcon type articulator ***Arquimedes professional***

(semiadjustable) **A7 PLUS**

Ref. 010099

Articulator + Case

Robust structure made of aluminum, ensuring greater stability.
Design that provides greater visibility.

- Semiadjustable / Arcon.
- Fixed intercondylar distance (110 mm).
- Curve condylar guide.
- Regulable condylar guide.
- Regulable Bennet angle.
- Central lock.
- Stabilization system of the condilar guide movement with silicone connection.
- Support for upper branch in open position.

Arcon type articulator ***Arquimedes protrusal***

(semiadjustable) **A7 PLUS-E**

Ref. 010103

Articulator + Case

Similar to the Archimedes Pro model, it has exclusive aluminum condylar guides with millimeter adjustment.

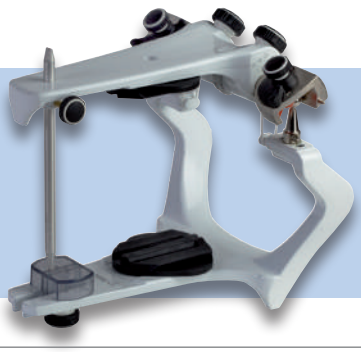
- Semiadjustable / Arcon.
- Fixed intercondylar distance (110 mm).
- Regulable condylar guide.
- Regulable Bennet angle.
- Flat condylar guide.
- Bilateral locking system.
- Support for upper branch in open position.
- Stabilization system of the condilar guide movement with spring.

Arcon type articulator ***4.000 S***

(semiadjustable)

Ref. 010107

Articulator + Case



- Semiadjustable / Arcon.
- Adjustable intercondylar distance (expanding spindle).
- Curve condylar guide.
- Regulable condylar guide.
- Regulable Bennet angle.
- Stabilization system of the condilar guide movement with O-ring.

Arquimedes Junior

(semiadjustable) **A7 FIX**

Ref. 010098

Articulator + Carboard box

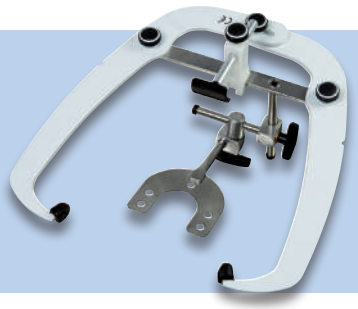
- Semiadjustable / Arcon.
- Fixed intercondylar distance (110 mm).
- Condylar guide set at average 30°.
- Bennet angle set at average 15°.
- Curve condylar guide.
- Magnetic stabilization system of the condilar guide movement (built-in).
- Support for upper branch in open position.

Standard face bow **Ref. 010102-50**

Medical Device

The Standard face bow is an apparatus used to record the spatial position of the patient's upper dental arch in relation to the skull and transfer the record to the articulator.

Transfer of the patient record is performed by setting the complete face-bow in the upper frame of the articulator.



Elite face bow **Ref. 010100-55**

Medical Device

The new Elite face bow brings an articulated and fixation system for the fork that allows a faster registration process for the professional and comfortable for the patient. It has a jig transfer assembly that eliminates the needs for face-bow in the assembling process of the casts in the articulator, turning the process faster, more practical and stable. Its Naziun Relator with adjustable height, including an infra-orbital indicator, turns the registration process more precise. The face-bow is equipped with a sliding system which allows smooth lateral movement (opening/closing) and facilitates the overall use. The ear pieces are anatomical, removable and chemically sterilized.

Articulators, Model formers

MESTRA®

MESTRA® by bio·art intelligent solutions

Ref. 010099
Articulator + Case

Ref. 010103
Articulator + Case

Ref. 010107
Articulator + Case

Ref. 010098
Articulator + Cardboard box

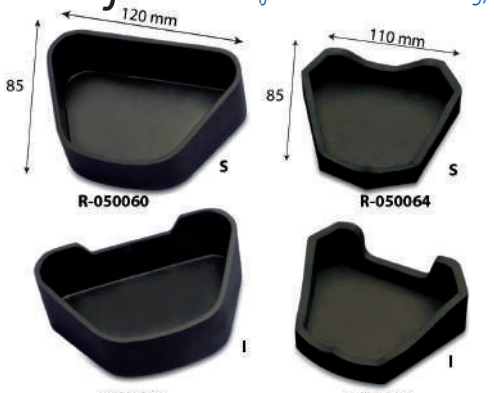
4 models are perfectly compatible with **face-bows Estandar and Elite.**

Range of accessories:

DIMENSIONS

Model	Ref. 010098	Ref. 010099	Ref. 010103	Ref. 010107
Height (mm)	150	150	170	160
Width (mm)	180	170	170	148
Depth (mm)	180	180	180	180
Weight	0.540 kg	0.689 kg	0.735 kg	0.697 kg

Model formers *(for orthodontics training)*



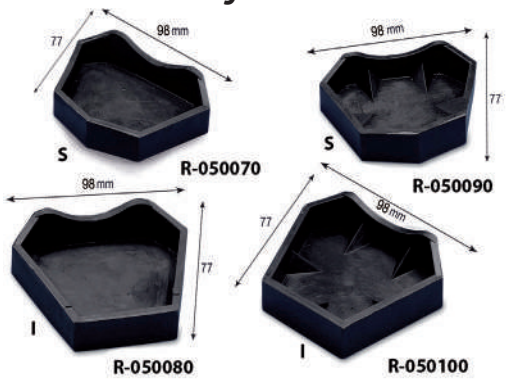
S = Upper		I = Lower	
Ref. 050060	0,081 kg	Ref. 050062	0,081 kg

S = Upper		I = Lower	
Ref. 050064	0,073 kg	Ref. 050066	0,071 kg

Model formers *(small striated base)*

Ref. 050056	0,024 kg
Ref. 050058	0,029 kg

Model base former

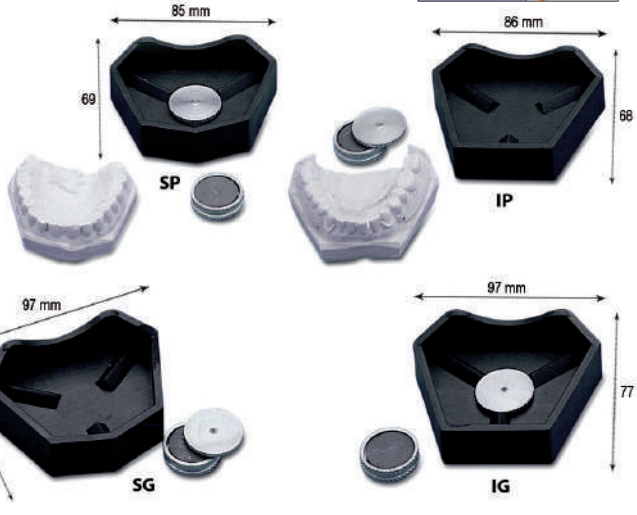


S = Upper		I = Lower	
Ref. 050070	0,049 kg	Ref. 050080	0,044 kg

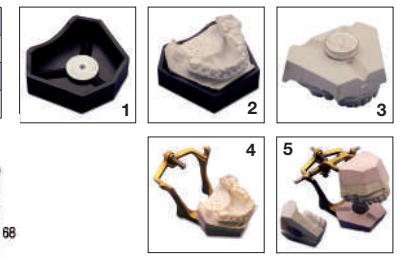
S = Upper		I = Lower	
Ref. 050090	0,048 kg	Ref. 050100	0,049 kg

Base former with magnet

Ref. 050110=SP **Ref. 050120=IP**
Ref. 050130=SG **Ref. 050140=IG**



Ref. 050110=SP	0,080 kg
Ref. 050120=IP	0,083 kg
Ref. 050130=SG	0,092 kg
Ref. 050140=IG	0,094 kg



INSTRUCTIONS FOR USE

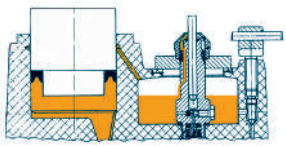
1. Fit the base former with the metal plate.
2. Empty the impression as usual.
3. Insulate the model and fit the magnet on the metal plate.
4. Make the counterform that will remain fixed in the articulator by pouring coating plaster on the model; let it polymerize. Then separate the model carefully from the counterform (which can be reused for another model).

Flat base former with magnet

Ref. 050150	0,112 kg

Hydraulic press Ref. 030350

The MESTRA hydraulic laboratory press is sturdy and pleasing to the eye. It is simple and easy to handle, and the latest trends in new materials have been applied to its construction.
Its oil-hydraulic system is designed so that the oil cannot escape from the chamber. All parts subject to wear are made of ground hardened and tempered steel and finished with epoxy paint.
The MESTRA press includes bottom plate recovery springs which enable it to be always in a ready-to-use position. The top plate diameter and the width between columns enable flask(s) to be inserted and removed with the MESTRA Ref. 030380 press flange without having to raise or lower the spindle, thus saving time and trouble.



USEFUL SPACE

Height	235 mm
Width	140 mm
Piston maximum travel	25 mm
Maximum power admitted	15.200 kg = 400 kg/cm²
Maximum power recommended	9.500 kg = 250 kg/cm²

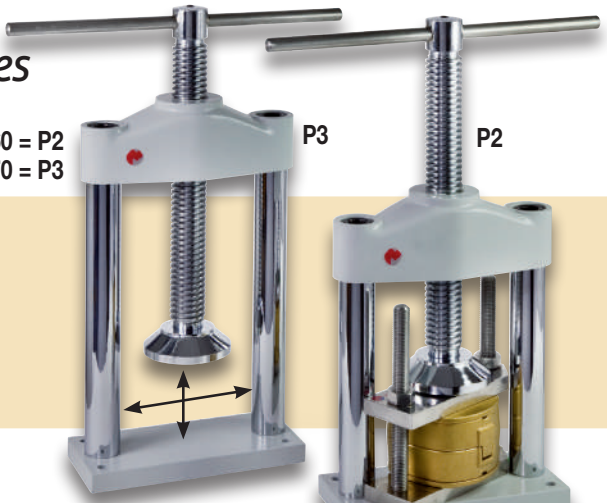
MEASURES

Height	530 mm (screw down)
Width	225 mm
Depth	230 mm (without lever)
Diameter of table	125 mm
Weight	20 kg

(L) 270 x (W) 270 x (H) 570 mm — 22,000 kg

Presses
(for flasks)

Ref. 030360 = P2
Ref. 030370 = P3



255 mm — INSIDE DIMENSIONS Ref. 030370 = P3 — 140 mm — 12,600 kg

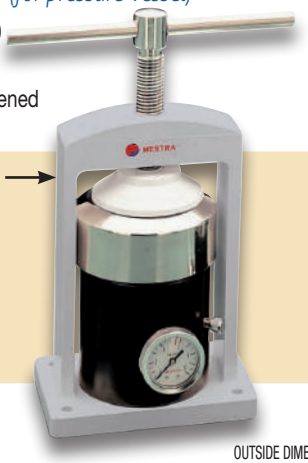
180 mm — INSIDE DIMENSIONS Ref. 030360 = P2 — 140 mm — 11,500 kg

Clamp *(for pressure-vessel)*

Ref. 030000

Made of hardened duralumin

Ref. 030000 →



175 mm — INSIDE DIMENSIONS — 130 mm — 3,000 kg

Pressure vessel
(for self-polymerizing resins)

Ref. 030010

OUTSIDE DIMENSIONES		INSIDE DIMENSIONS	
Height	165 mm	Height	115 mm
Diameter	123 mm	Diameter	103 mm

Weight 1,6 kg

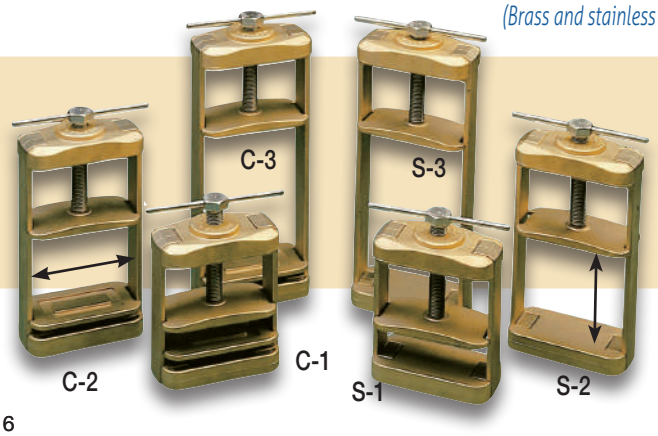
Clamp for flasks

S-1 Ref. 030090 110 x 25-95 mm
S-2 Ref. 030100 110 x 90-165 mm
S-3 Ref. 030110 110 x 140-235 mm

Spring clamp for flasks

C-1 Ref. 030120 110 x 25-75 mm
C-2 Ref. 030130 110 x 90-145 mm
C-3 Ref. 030140 110 x 140-215 mm

(Brass and stainless steel)



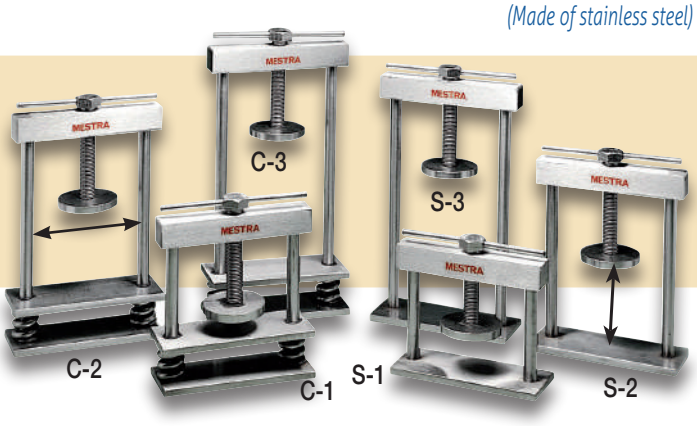
Clamps for flasks

S-1 Ref. 030150 110 x 45-75 mm
S-2 Ref. 030160 110 x 90-145 mm
S-3 Ref. 030170 110 x 140-200 mm

Spring clamp for flasks

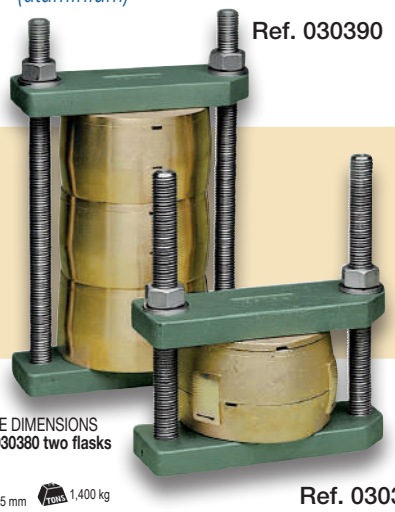
C-1 Ref. 030180 110 x 30-75 mm
C-2 Ref. 030190 110 x 90-145 mm
C-3 Ref. 030200 110 x 140-200 mm

(Made of stainless steel)



Clamp for press *(aluminium)*

Ref. 030380 two flasks
Ref. 030390 three flasks



Ref. 030390

0-215 mm INSIDE DIMENSIONS **Ref. 030390 three flasks**
115 mm 1,500 kg

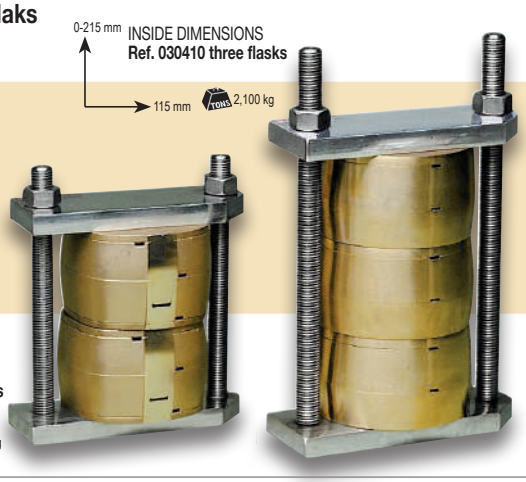
0-145 mm INSIDE DIMENSIONS **Ref. 030380 two flasks**
115 mm 1,400 kg

Ref. 030380

Clamp for press *(stainless steel)*

Ref. 030400 two flasks
Ref. 030410 three flaks

Inox



0-215 mm INSIDE DIMENSIONS **Ref. 030410 three flasks**
115 mm 2,100 kg

0-145 mm INSIDE DIMENSIONS **Ref. 030400 two flasks**
115 mm 1,900 kg

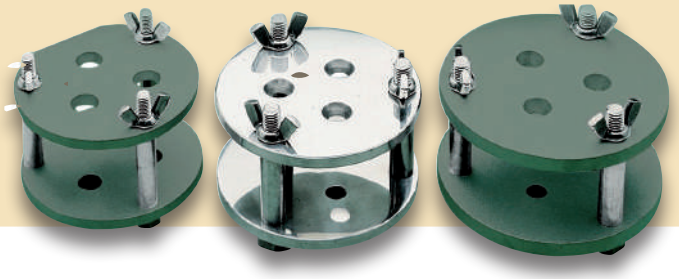
Clamp for bridges *(brass and stainless steel)*

Ref. 030210

17-40 mm INSIDE DIMENSIONS
96 mm 1,300 kg

Clamp for rebasing *(aluminium and stainless steel)*

Ref. 030220 = AP **Ref. 030230 = I** **Ref. 030240 = AG**



82 mm Ref. 030220 = AP
99 mm
99 mm 0,600 kg

87 mm Ref. 030230 = I
110 mm
110 mm 1,381 kg

87 mm Ref. 030240 = AG
121 mm
121 mm 0,815 kg

Verticulator *Handy Basic* Ref. 130100

This configuration, which we could call minimal or basic, is recommended for those users who wish to start with the system. With this combination it is possible to perform most of the works.

Powerful tool that fits with a multitude of dental prosthesis works, to elaborate or design: implant supported, hybrids, fixed and removable prostheses, full of composites or ceramics, relines, repairs, temporary prosthesis, etc.

NEW

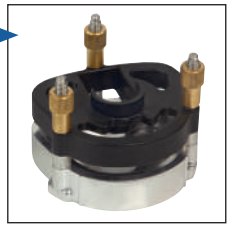
Strong

Ref. 130102

Jelly

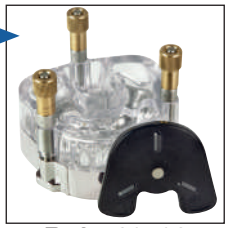
Ref. 130104

Sil



Ref. 130106

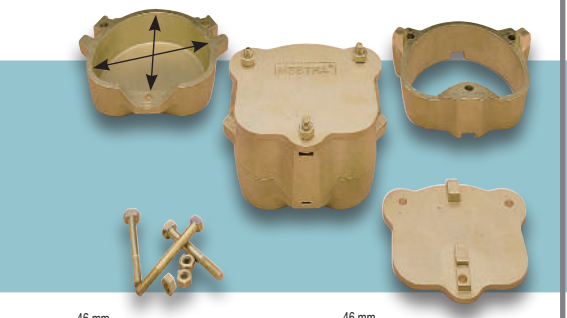
Compos



Ref. 130108

Flask with screws

Ref. 020010 *(medium)* **Ref. 020020** *(large)*



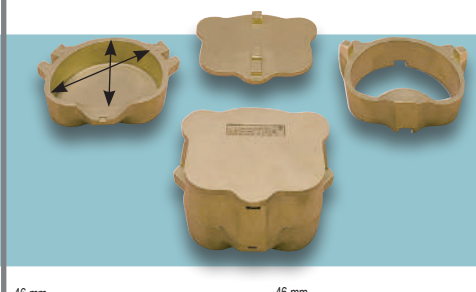
INSIDE DIMENSIONS

46 mm × 74 mm × 92 mm — 1,300 kg

46 mm × 85 mm × 100 mm — 1,500 kg

Screwless flask *(for clamp)*

Ref. 020040 *(medium)* **Ref. 020050** *(large)*



INSIDE DIMENSIONS

46 mm × 74 mm × 92 mm — 1,300 kg

46 mm × 85 mm × 100 mm — 1,600 kg

Flask with screws *(with ejector)*

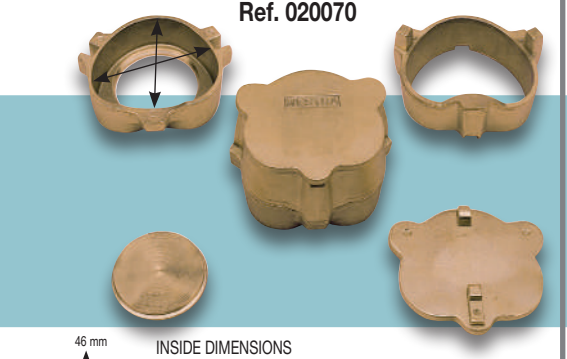
Ref. 020060

INSIDE DIMENSIONS

48 mm × 85 mm × 100 mm — 1,700 kg

Screwless flask *(with ejector)*

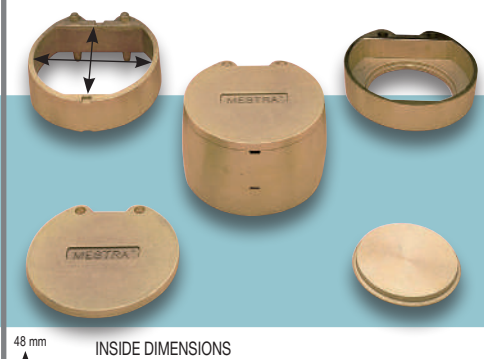
Ref. 020070



INSIDE DIMENSIONS

46 mm × 85 mm × 100 mm — 1,700 kg

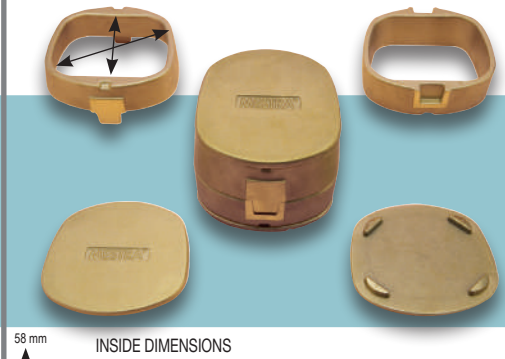
Round flask Ref. 020080



INSIDE DIMENSIONS

48 mm × 80 mm × 99 mm — 1,700 kg

Square flask Ref. 020090

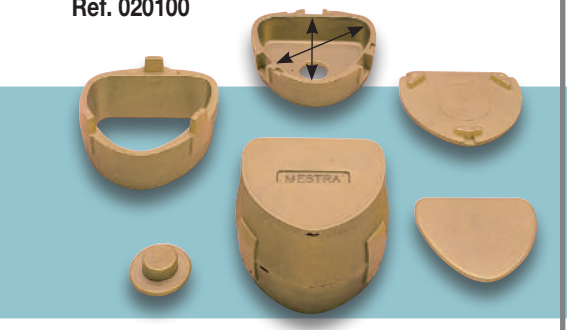


INSIDE DIMENSIONS

58 mm × 77 mm × 100 mm — 1,900 kg

Triangular flask

Ref. 020100



INSIDE DIMENSIONS

57 mm × 82 mm × 94 mm — 1,700 kg

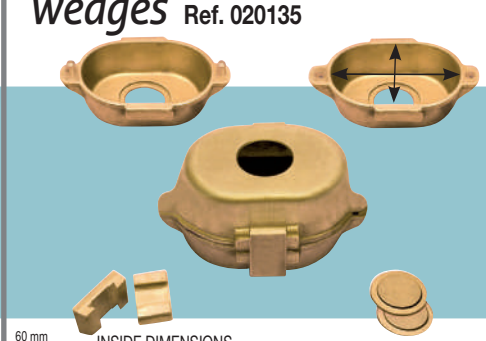
Flask with three pins

(for clamp) **Ref. 020130**

INSIDE DIMENSIONS

52 mm × 92 mm × 95 mm — 1,600 kg

Flask with two pins and wedges Ref. 020135

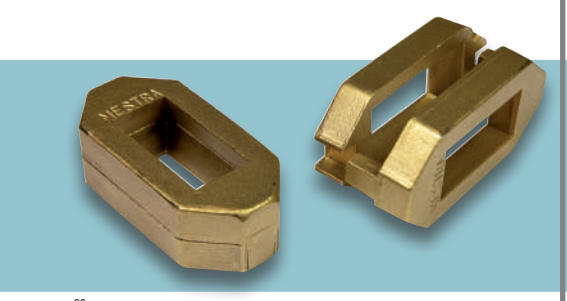


INSIDE DIMENSIONS

60 mm × 84 mm × 115 mm — 2,100 kg

Flask for bridges

Ref. 020140

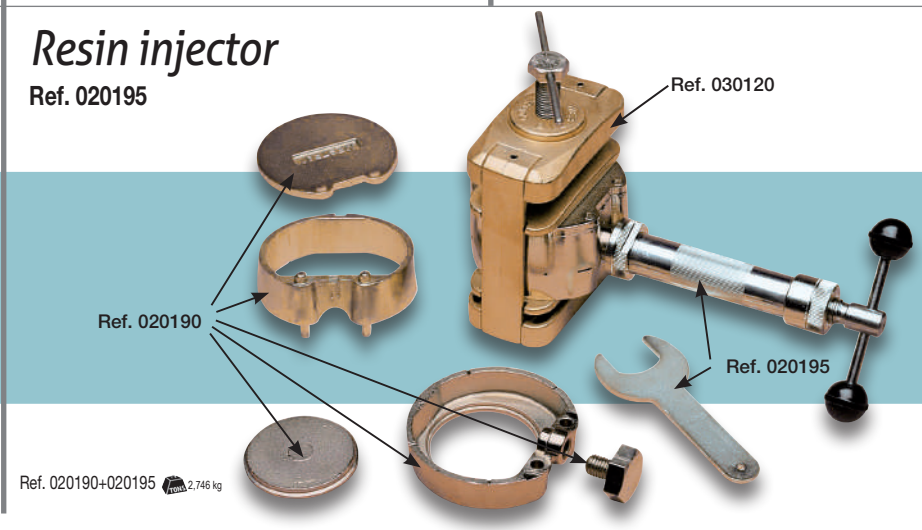


INSIDE DIMENSIONS

30 mm × 33 mm × 60 mm — 0,600 kg

Resin injector

Ref. 020195



Ref. 020190+020195 — 2,746 kg

Flasks for duplicating

MESTRA®

Flask *(large)*

Ref. 020150 MATERIAL: ALUMINIUM

53 mm
83 mm
110 mm
0,550 kg
INSIDE DIMENSIONS

Flask *(large)*

Ref. 020151 MATERIAL: ALUMINIUM AND RUBBER

53 mm
83 mm
110 mm
0,546 kg
INSIDE DIMENSIONS

Flask *(small)*

Ref. 020160 MATERIAL: ALUMINIUM AND RUBBER

55 mm
80 mm
100 mm
0,326 kg
INSIDE DIMENSIONS

Flask *(small)*

Ref. 020170 MATERIAL: ALUMINIUM

55 mm
80 mm
100 mm
0,311 kg
INSIDE DIMENSIONS

Flask *(small)*

Ref. 020171 MATERIAL: ALUMINIUM AND RUBBER

55 mm
80 mm
100 mm
0,355 kg
INSIDE DIMENSIONS

Flask

Ref. 020180 MATERIAL: POLYCARBONATE

Ref. 020185 MATERIALS: POLYCARBONATE AND RUBBER

55 mm
85 mm
100 mm
0,116 kg
INSIDE DIMENSIONS

55 mm
85 mm
100 mm
0,231 kg

Flask duplicating *(for silicone)*

Ref. 020186 MATERIAL: POLYCARBONATE

40 mm
65 mm
85 mm
0,052 kg
INSIDE DIMENSIONS

Pouring for flask

Ref. 020202 *(Resistant to high temperature)*

MATERIAL: PLASTIC

50 mm
88 mm
105 mm
0,237 kg
INSIDE DIMENSIONS

Flask *(for injecting polyamides)*

Ref. 020210 MATERIAL: ALUMINIUM

64 mm
83 mm
95 mm
1,148 kg
INSIDE DIMENSIONS

Flask for micro-wave oven

Ref. 020208 MATERIAL: PLASTIC

49 mm
70 mm
90 mm
0,400 kg
INSIDE DIMENSIONS

Flask for duplicating *(with alginate)*

Ref. 020205 and **Ref. 020206**

MATERIAL: METAL - RUBBER

44 mm
83 mm
100 mm
0,280 kg
INSIDE DIMENSIONS

9

Cutters, Spatulas

MESTRA®

Miscellaneous

PLASTER CUTTING TONGS
1 Ref. 060300
0,186 kg
(L) 190 mm

SMALL PLASTER KNIVES
2 Ref. 060310
0,028 kg
(L) 180 mm

WAX KNIVES
3 Ref. 060320
0,012 kg
(L) 130 mm

STAINLESS STEEL WAX KNIVES
4 Ref. 060330
0,013 kg
(L) 130 mm

SOLDERING TWEEZERS (CURVED)
5 Ref. 060340
0,036 kg
(L) 160 mm

SOLDERING TWEEZERS (STRAIGHT)
6 Ref. 060360
0,035 kg
(L) 165 mm

TWEEZERS FOR CERAMIC OVEN
7 Ref. 060370
0,076 kg
(L) 250 mm

CRUCIBLE TONGS
8 Ref. 060380
0,112 kg
(L) 300 mm

METAL HAMMER
9 Ref. 050265
0,028 kg
(L) 162 mm

DIAMOND DRESSER
10 Ref. 100208
0,035 kg
(L) 100 mm

Stainless steel spatulas and knives

		Total length	Blade	
1. Ref. 060000	Alginate spatula	**230 mm**	**110 mm**	0,075 kg
2. Ref. 060010	Plaster spatula	**210 mm**	**103 mm**	0,047 kg
3. Ref. 060020	Flexible spatula	**200 mm**	**100 mm**	0,025 kg
4. Ref. 060030	Knife with flask opener	**175 mm**	**65 mm**	0,068 kg

			E	C	
5. Ref. 060040	Wax spatula (small)	**135 mm**	35	40	0,025 kg
6. Ref. 060050	Wax spatula (large)	**180 mm**	45	50	0,033 kg
7. Ref. 060060	Wax spatula (small) with cavity	**135 mm**	35	40	0,027 kg
8. Ref. 060070	Wax spatula (large) with cavity	**180 mm**	45	50	0,036 kg
9. Ref. 060077	Cutter	**135 mm**	C 17		0,018 kg
10. Ref. 060078	Cutter spare part	**30 mm**			

Cutters, Spatulas

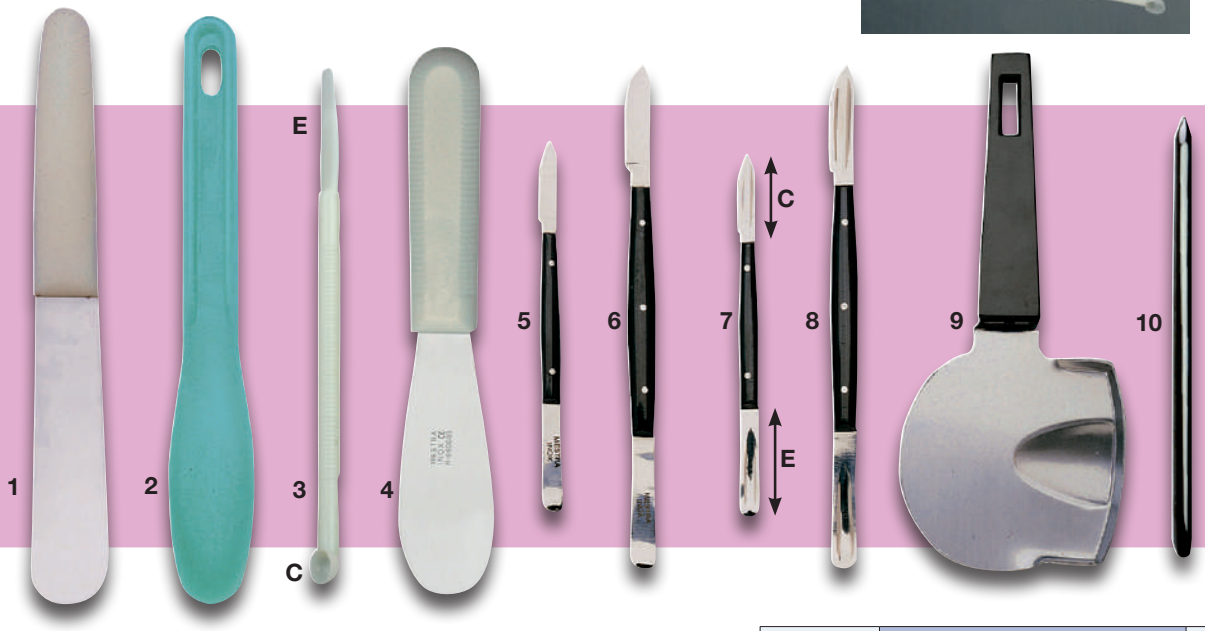
MESTRA®

Spatulas and knives

Ref. 060076
(3) Supplied in 12 unit bags

Ref.060002
(2) Supplied in 12 unit bags, in three colours

Special for mixing without residue. Shapes and sizes may vary

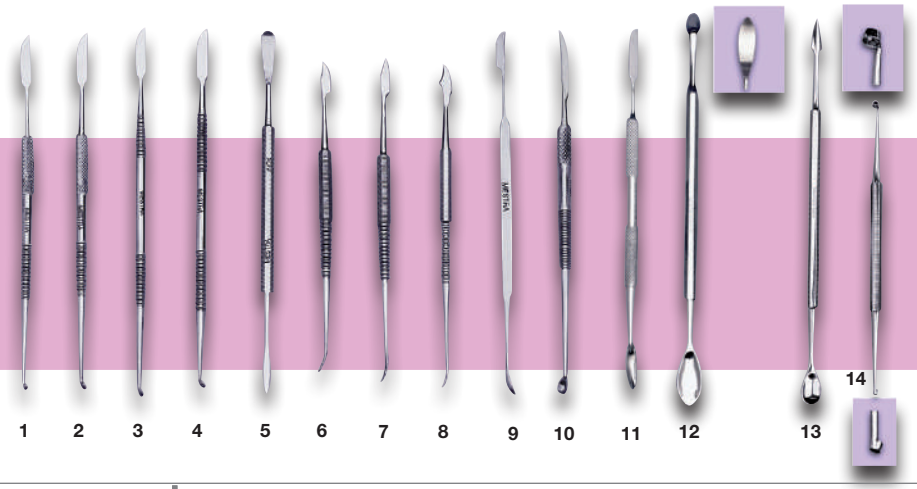


		Total length	Blade	
1. Ref. 060001	Alginate spatula. Stainless steel (white handle)	205 mm	110 mm	0,061 kg
2. Ref. 060002	PlasteRef. alginate spatula (Plastic) 12 units	208 mm	90 mm	0,024 kg
3. Ref. 060076	Wax spatula with cavity (small; plastic) 12 units	170 mm	E-C 40-10 Ø	0,006 kg
4. Ref. 060003	Alginate spatula. Stainless steel (white handle)	190 mm	90 mm	0,037 kg

			E	C	
5. Ref. 060071	Wax spatula (small; black handle)	135 mm	35	40	0,014 kg
6. Ref. 060072	Wax spatula (large; black handle)	180 mm	45	50	0,035 kg
7. Ref. 060073	Wax spatula with cavity (small; black handle)	135 mm	10	35	0,013 kg
8. Ref. 060074	Wax spatula with cavity (large; black handle)	180 mm	45	50	0,035 kg
9. Ref. 060079	Wax pouring spatula	195 x 80 mm			0,064 kg
10. Ref. 060075	Agate spatula	155 mm			0,015 Kg Approx.

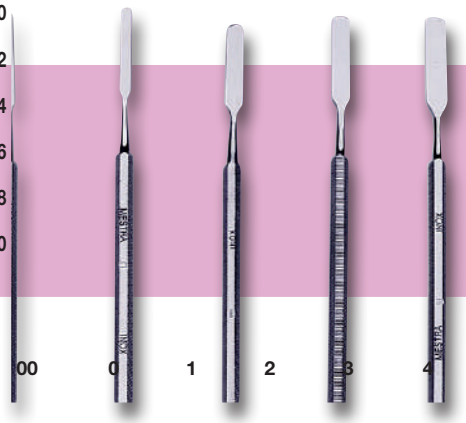
Wax and modelling carvers

180 mm 0,024 kg	1	Ref. 060270	LE CRON	160 mm 0,024 kg	11	Ref. 060290
190 mm 0,024 kg	2	Ref. 060272	LE CRON	180 mm 0,034 kg	12	Ref. 060292
185 mm 0,024 kg	3	Ref. 060274	LE CRON	180 mm 0,032 kg	13	Ref. 060293
180 mm 0,024 kg	4	Ref. 060276	LE CRON	130 mm 0,015 kg	14	Ref. 060294
160 mm 0,028 kg	5	Ref. 060278	BEALE			
140 mm 0,020 kg	6	Ref. 060280	ZAHLE			
140 mm 0,021 kg	7	Ref. 060282	ZAHLE			
140 mm 0,020 kg	8	Ref. 060284	ZAHLE			
150 mm 0,024 kg	9	Ref. 060286	HYKYN			
140 mm 0,022 kg	10	Ref. 060288	HYKYN CERAMICA			



Cement spatulas

178 mm 0,019 kg	00	Ref. 060240
175 mm 0,020 kg	0	Ref. 060242
175 mm 0,020 kg	1	Ref. 060244
178 mm 0,021 kg	2	Ref. 060246
175 mm 0,021 kg	3	Ref. 060248
195 mm 0,022 kg	4	Ref. 060250

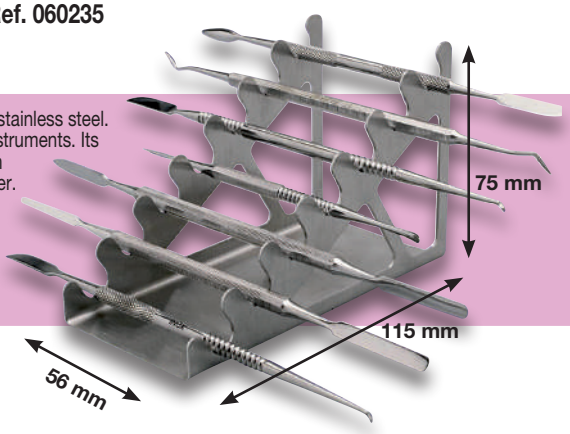


Stainless steel holder

for instruments **Ref. 060235**

Completely made of stainless steel. It can hold up to 7 instruments. Its staiRef. shape design makes selection easier.

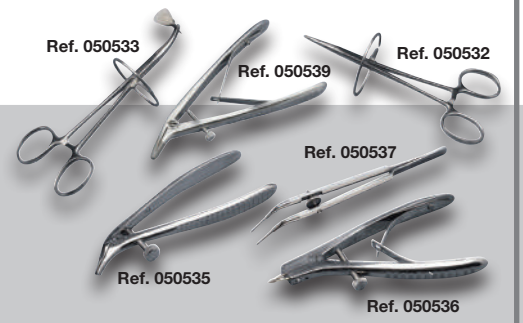
Sold without instruments.



Laboratory Instruments

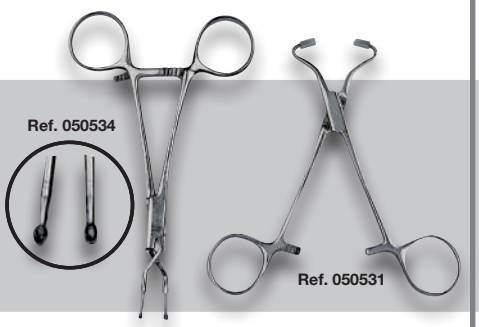
MESTRA®

Pliers



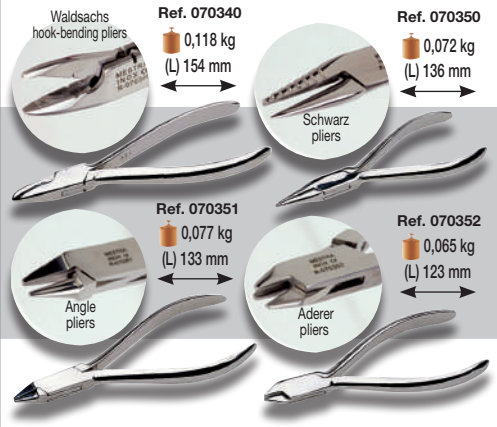
Ref. 050532	Ref. 050533	Ref. 050535	Ref. 050536	Ref. 050537	Ref. 050539
0,021 kg	0,024 kg	0,069 kg	0,069 kg	0,033 kg	0,130 kg
125 mm	128 mm	115 mm	125 mm	147 mm	150 mm

Pliers



Ref. 050534	(L) 148 x (W) 68 (H) 5 mm	0,030 kg
Ref. 050531	(L) 130 x (W) 70 (H) 5 mm	0,027 kg

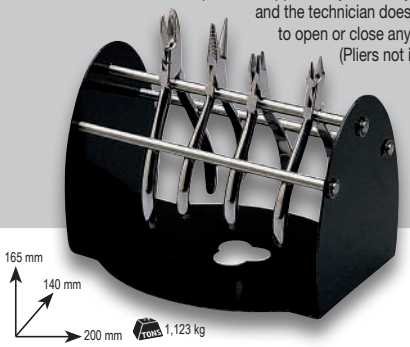
Bending pliers



Plier holding support

Ref. 050364

A simple and practical tabletop component which helps to keep the work area tidy. When the pliers are kept in the support, they are always in view, and the technician does not have to open or close any drawers. (Pliers not included).



Magnetic support

(instrument holder) **Ref. 050360**

Practical and carefully designed
(Tools not included)

Magnetic bar *(instrument holder)*

Ref. 050362

Easy to fit and may be secured by bolts to almost any surface (Spatulas not included).

Drill cleaning tongs

Ref. 070520

Ideal for immersion of drills and other small items in disinfectant baths, ultrasonic equipment and autoclaves. Made of stainless steel.

DIMENSIONS

(L) 156 x (W) 45 x (H) 40 mm	0,021 kg

Germicide box for burs

Ref. 070530 *(stainless steel)*

DIMENSIONS

Ø 70 x (H) 35 mm	0,119 kg

Germicide box for burs

Ref. 070531

DIMENSIONS

Ø 90 x (H) 80 mm	0,122 kg

Magnetic bur holder

Ref. 070115

Very practical with an attractive design. Its small size means it can be placed anywhere. Supplied in a batch of three products. Colours: red, green and blue. Ø 62 mm

DIMENSIONS

Ø 62 x (H) 49 mm (1 u.)		0,182 kg
(L) 200 x (W) 40 x (H) 60 mm	Paking (3 u.)	0,583 kg

Bur holder *(plastic; sterilizable)*

Ref. 070120 = FG
Ref. 070125 = CA
Ref. 070130 = FG+CA
Ref. 070135 = Laboratory

Only the base, made of temperature resistant plastic.Capacity for 36 pieces. Made for: FC, CA, FC+CA, laboratory.

DIMENSIONS

Ref. 070120	(L) 75 x (W) 60 x (H) 35 mm	0,060 kg
Ref. 070125	(L) 75 x (W) 60 x (H) 35 mm	0,060 kg
Ref. 070130	(L) 75 x (W) 60 x (H) 35 mm	0,060 kg
Ref. 070135	(L) 75 x (W) 60 x (H) 55 mm	0,072 kg

Bur holder *(plastic)* **Ref. 070142**

DIMENSIONES

Ø 90 x (H) 66 mm	0,065 kg
(L) 91 x (W) 91 x (H) 71 mm	0,088 kg

Bur holder *(Clinic)* **Ref. 070150**

Burs held by means of a magnet. Made of (ferritic) stainless steel with plastic casing.

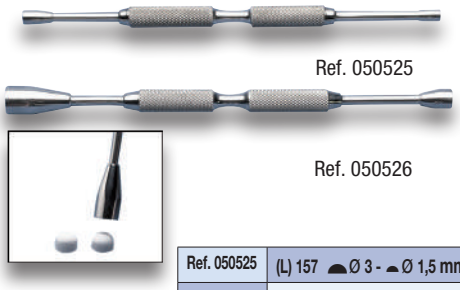
DIMENSIONS

(L) 115 x (W) 45 x (H) 45 mm	0,180 kg

Laboratory Instruments

MESTRA®

Dosing instrument *(ceramic materials)*



Ref. 050525

Ref. 050526

Ref. 050525	(L) 157 ◡Ø 3 - ◠Ø 1,5 mm	0,03 kg
Ref. 050526	(L) 163 ◡Ø 7 - ◠Ø 4 mm	0,04 kg

Scissor, Pliers and scalpel handle For lab use only

Plaster mixing bowl *Made of rubber*

4 3 2 1

SIZE	Diameter	Height	Capacity	
1. Ref. 060080 Small	93 mm	54 mm	175 cm³	0,070 kg
2. Ref. 060090 Medium	120 mm	66 mm	400 cm³	0,110 kg
3. Ref. 060100 Large	125 mm	90 mm	650 cm³	0,136 kg
4. Ref. 060110 Extra large	155 mm	148 mm	1.750 cm³	0,324 kg

Plaster mixing bowl

Made of flexible plastic

1 2 3 4

SIZE	Diameter	Height	Capacity	
1. Ref. 060111 Smal	110 mm	78 mm	400 cm³	0,100 kg
2. Ref. 060112 Medium	125 mm	83 mm	550 cm³	0,142 kg
3. Ref. 060113 Large	145 mm	110 mm	850 cm³	0,165 kg
4. Ref. 060114 Extra large	155 mm	150 mm	1.900 cm³	0,340 kg

Alginate mixing bowl Ref. 060120

Diameter	Height	Capacity	
110 mm	78 mm	400 cm³	0,100 kg

Silicon bowls *(transparent)*

SIZE	Diameter	Height	Capacity	
Small	28 mm	27 mm	8 cm³	0,006 kg
Medium	34 mm	32 mm	13 cm³	0,009 kg
Large	48 mm	47 mm	40 cm³	0,024 kg
Large Cap	48 mm	60 mm	40 cm³	0,029 kg
Extra large	65 mm	55 mm	85 cm³	0,044 kg
Extra large Cap	70 mm	62 mm	85 cm³	0,057 kg

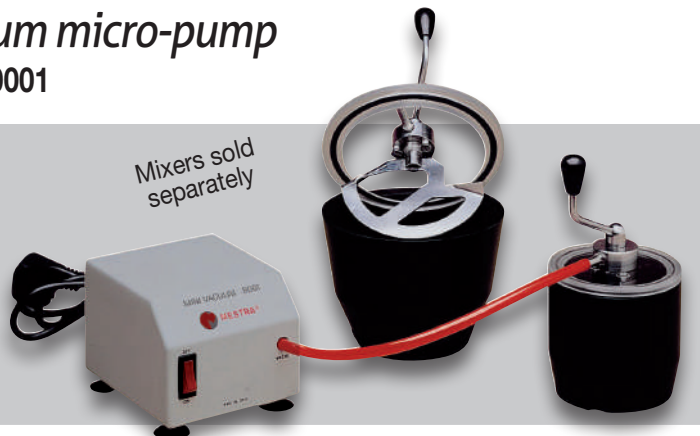
Mixer *(With tube for vacuum machine)*

Ref. 060220 *(small)* **Ref. 060230** *(large)*

	Diameter	Height	Capacity	
Ref. 060220 Small	120 mm	200 mm	275 cm³	0,807 kg
Ref. 060230 Lange	151 mm	220 mm	750 cm³	1,153 kg

Vacuum micro-pump

Ref. 080001

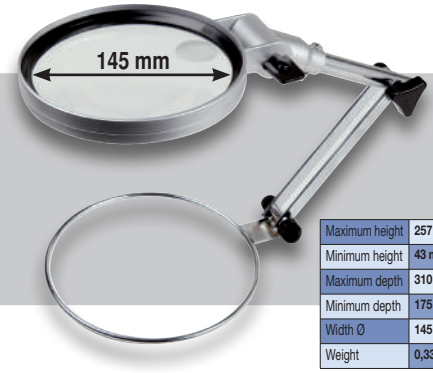


This is an economical option which can be used with the **MESTRA Ref. 060220** and **Ref. 060230** mixers.
It is ideal for mixing plaster, coating, etc.
Small and noiseless. VOLTAGE: 230 V/50-60 Hz;
CONSUMPTION: 0,72 Amp.;
VACUUM: 550-600 mm/hg

Height	100 mm
Width	120 mm
Depth	150 mm
Weight	1,8 kg

Magnifying glass with base

Ref. 100098



Maximum height	257 mm
Minimum height	43 mm
Maximum depth	310 mm
Minimum depth	175 mm
Width Ø	145 mm
Weight	0,330 kg

R - 100098	(L) 315 x (W) 154 x (H) 45 mm	0,427 kg

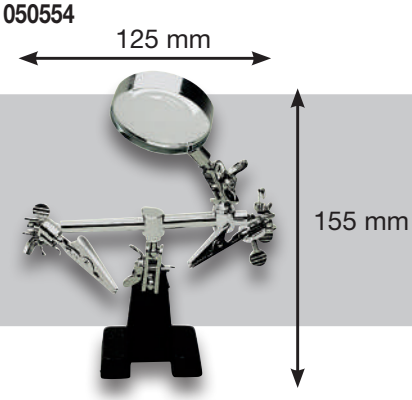
Hand magnifying glass with light Ref. 100099

Length	65 mm
Length unfolded	103 mm
Width	40 mm
Weight	0,055 kg

Ref. 100099	(L) 70 x (W) 50 x (H) 30 mm	0,060 kg

Holding clamps

Ref. 050554



Ref. 050554	(L) 120 x (W) 75 x (H) 68 mm	0,424 kg

Safety glasses

Ref. 100011-12-13	(L) 160 x (W) 54 x (H) 56 mm	0,050 kg
Ref. 100014	(L) 180 x (W) 90 x (H) 65 mm	0,070 kg

Face protection *(10 units)*

Ref. 100021

Ref. 100021	(L) 285 x (W) 185 x (H) 35 mm	0,233 kg

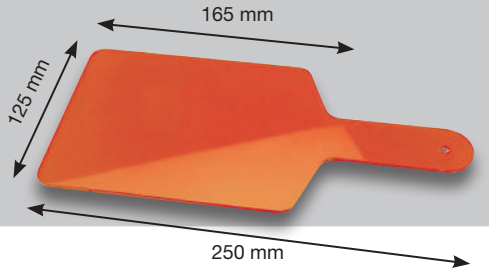
Face protection *(10 units)*

Ref. 100022

Ref.100022	(L) 308 x (W) 215 x (H) 35 mm	0,284 kg

UV-ray safety screen

Ref. 070515



Ref. 070515	(L) 255 x (W) 125 x (H) 4 mm	0,086 kg

Magnifying glasses

Adjustable system that adapts to the head and keeps the hands free to work.
It has Ultra clear lens of minimal light absorption.
It can be worn over glasses.
There are three different models available:

Ref. 100079	(L) 285 x (W) 225 x (H) 89 mm	0,545 kg
Ref. 100080	(L) 205 x (W) 185 x (H) 70 mm	0,245 kg
Ref. 100090	(L) 175 x (W) 175 x (H) 70 mm	0,195 kg

Hand magnifying glass with light Ref. 100092

Supplied with 4 set of lenses:
1.5x, 2.0x, 2.5x and 3.5x magnification

Ref. 100092	(L) 190 x (W) 100 x (H) 40 mm	0,180 kg

Binocular magnifying glass

Ref. 100096

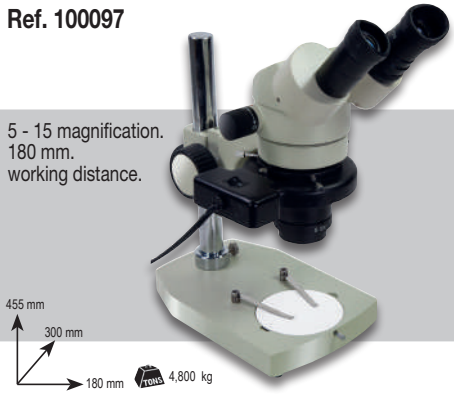
2,5 magnification.
420 mm working distance.

R - 100096	(L) 215 x (W) 145 x (H) 75 mm	0,328 kg

Microscope with base

Ref. 100097

5 - 15 magnification.
180 mm.
working distance.



R - 100097	(L) 350 x (W) 275 x (H) 370 mm	5,000 kg

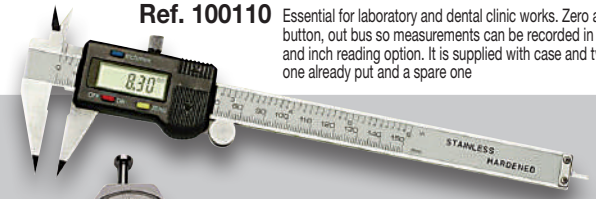
Laboratory Instruments

MESTRA®

Dial crown thickness calliper

Ref. 100105

Fast and accurate. Direct reading with a resolution of 0.01 mm.
Zero adjustment button and inch reading option. It is supplied with case and two batteries, one already put and a spare one



Ref. 100110 Essential for laboratory and dental clinic works. Zero adjustment button, out bus so measurements can be recorded in a computer and inch reading option. It is supplied with case and two batteries, one already put and a spare one

Ref. 100100 Precision tool for crown thickness measuring. Broad dial that can be read easily. Resolution in hundredths of mm. It is supplied in a practical case.

Ref. 100100	(L) 131 x (W) 75 x (H) 20 mm	0,09 kg
Ref. 100105	(L) 180 x (W) 105 x (H) 35 mm	0,25 kg
Ref. 100110	(L) 265 x (W) 105 x (H) 60 mm	0,35 kg

Calliper for crowns

For lab use only

Ref. 060390

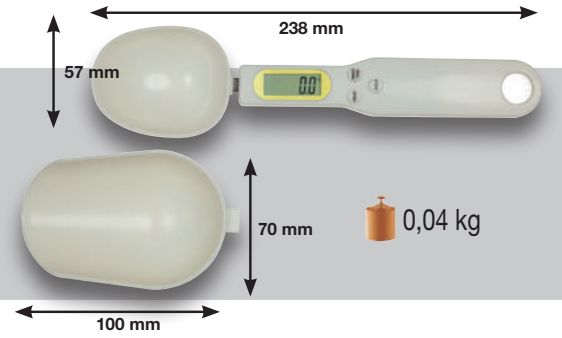
0,026 kg
(L) 110 mm

Ref. 060400

Wax calliper

0,026 kg
(L) 110 mm

Dose measuring spoon Ref. 100270



0,04 kg

PROVEN: save 20-40% on plaster

Precision scale

Ref. 100040
0.05 g resolution in the weight rank of 0-1000 g, and 0.1 g in the rank of 1000-2000 g.

Ref. 100041
0.1 g resolution, maximum load of 3000 g, and "piece counting" function, very useful to count small elements such as pins, etc.

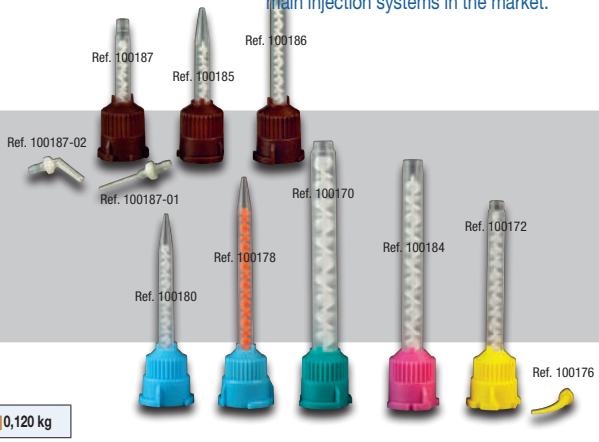
Ref. 100042
Precise resolution of 0.1 g and high weighing capacity (1000 g).

Ref. 100040	(L) 150 x (W) 110 x (H) 36 mm	0,286 kg
Ref. 100041	(L) 248 x (W) 248 x (H) 100 mm	0,774 kg
Ref. 100042	(L) 300 x (W) 190 x (H) 55 mm	0,446 kg

Mixing tips

Colour	R
Yellow (50 units.)	Ref. 100172
Yellow Points (50 units.)	Ref. 100176
Green (50 units.)	Ref. 100170
Light blue long (50 units.)	Ref. 100178
Light blue short (50 units.)	Ref. 100180
Pink (50 units.)	Ref. 100184
Brown (50 units.)	Ref. 100187
Points 1,06 mm (50 units.)	Ref. 100187-01
Points 2,00 mm (50 units.)	Ref. 100187-02
Short Brown (50 units.)	Ref. 100185
Long Brown (50 units.)	Ref. 100186

These mixing tips are compatible with the main injection systems in the market.



Supplied in bags of 50 pcs.

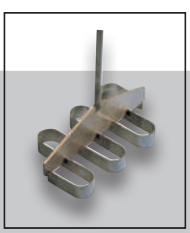
(L) 160 x (W) 110 x (H) 45 mm — 0,120 kg

Silicone pistol *(reinforced)*

Ref. 100166

Ref. 100166 — (L) 190 x (W) 120 x (H) 70 mm — 0,220 kg

Cutter for jelly Ref. 050540



400 mm DIMENSIONS
70 mm
124 mm
0,180 kg

Molar carving tool

Ref. 060296

23 mm DIMENSIONS
95 mm
120 mm
0,169 kg

Bow saw

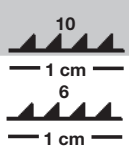
Ref. 050250

1 Ref. 050261
2 Ref. 050262

Saw blade

2 Ref. 050261 5 unit set (10 teeth/cm)

3 Ref. 050262 5 unit set (6 teeth/cm)



Laboratory Instruments

MESTRA®

Glass plates

Ref. 050515 *(grooved)*

11 mm DIMENSIONS 120 mm 160 mm 0,290 kg

Ref. 050520 *(smooth)*

8 mm DIMENSIONS 120 mm 160 mm 0,377 kg

Ceramic palette

Ref. 050510

20 mm DIMENSIONS 95 mm 175 mm 0,449 kg

Height with lid	20 mm
Height without lid	15 mm

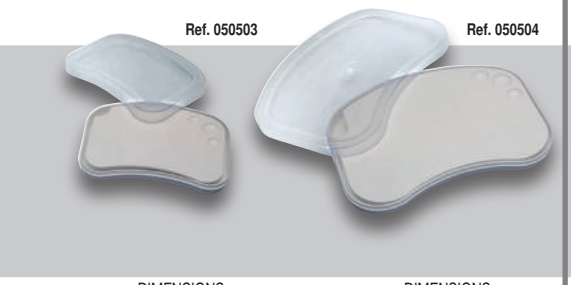
Porcelain trays

Ref. 050501 **Ref. 050502**

15 mm DIMENSIONS 90 mm 115 mm 0,343 kg

15 mm DIMENSIONS 55 mm 88 mm 0,129 kg

Porcelain trays

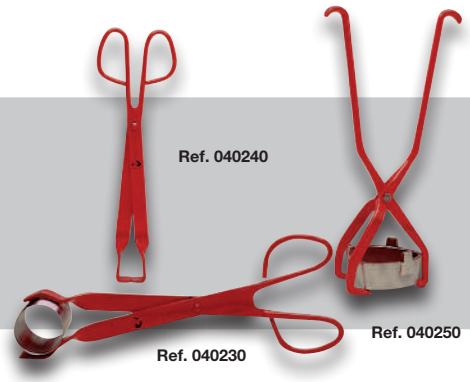


Ref. 050503 **Ref. 050504**

27 mm DIMENSIONS 125 mm 165 mm 0,537 kg

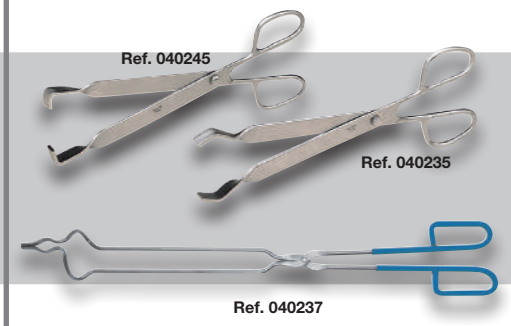
30 mm DIMENSIONS 190 mm 250 mm 1,452 kg

Pliers



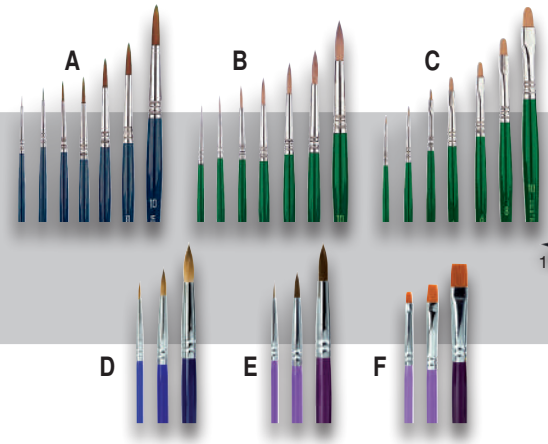
Ref. 040240 **Ref. 040230** **Ref. 040250**

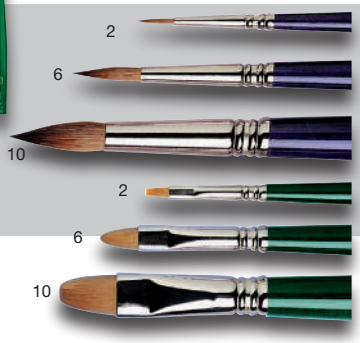
Pliers *(stainless steel)*



Ref. 040245 **Ref. 040235** **Ref. 040237**

Paintbrushes





There are three high quality brushes available: Marta Kolinsky hair, round-tipped; Toray Oro fibre, round-tipped; and the flat-tipped Toray Oro fibre brush.
Quality enamelled-wood handle with a nickel brass collar.

Same models with plastic handle: reference **P**

	A	B	C	D	E	F
Nº	Marta Kolinsky Blue handle	Marta Kolinsky Plastic Blue handle	Toray Oro Green handle	Toray Oro Plastic Green handle	flat-tipped Green handle	flat-tipped Plastic Green handle
0	050380	050380P	050400	050400P	050420	050420P
1	050381	050381P	050401	050401P	050421	050421P
2	050382	050382P	050402	050402P	050422	050422P
4	050384	050384P	050404	050404P	050424	050424P
6	050386	050386P	050406	050406P	050426	050426P
8	050388	050388P	050408	050408P	050428	050428P
10	050390	050390P	050410	050410P	050430	050430P

Plastic handle paintbrushes

Cleaning n. 1 and 2 Oval *Wax n. 0 and nº4*

Ref. 050431P **Ref. 050434P**

Ref. 050432P **Ref. 050433P**

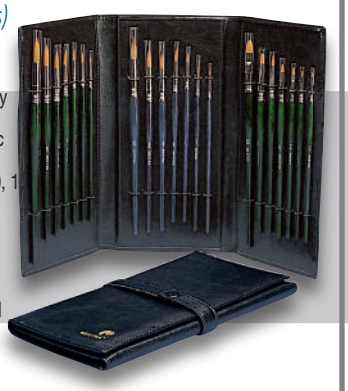
25x19 y 16x14 mm

Ø 5x9 y 12x15 mm

Set of paintbrushes

Ref. 050432 *(21 units)*

A complete selection of paintbrushes including round-tipped Marta Kolinsky ones, round-tipped Toray Oro ones, made in synthetic fibres, and also flat-tipped Toray Oro ones. Numbers 0, 1, 2, 4, 6, 8 and 10 are included of each type, so there are 21 paintbrushes altogether. All paintbrushes have a "rattle affect". This set is supplied in a practical imitation-leather case.



(L) 255 x (W) 124 x (H) 45 mm | 0,233 kg

Set of paintbrushes **Ref. 050490** *(6 pieces)*

A selection of six high quality paintbrushes made in Marta Kolinsky hair. Each paintbrush has a cap that protects it against dirt and damp. This set includes the paintbrushes that are most used in Dental Labs (Round Plane Nº 0, 2, 4, 6; Planes Nº 2 and 4). This set is supplied in a practical case.

(L) 118 x (W) 72 x (H) 15 mm | 0,086 kg

Laboratory Instruments

MESTRA®

Tool set *(for onthodontics)* Ref. 060403

Very complete. Vynil case.
It includes19 tools.

- Straight scissors.
- Set of two pliers.
- Wire cutters.
- Curved mosquito tweezers.
- Crown measuring tool.
- Articulated tweezers for paper.
- Pen.
- Two knives for wax.
- Two carving tools.
- Two spatulas for cements.
- Lancet handle.
- Spatula with cavity.
- Four PK Thomas tools.

DIMENSIONS

Ref. 060403	(L) 190 x (W) 135 (H) 30 mm	0,648 kg

Tool set *(for ceramic)* Ref. 060402

Very complete. Vynil case.
It includes19 tools.

- Curved mosquito tweezers.
- Straight mosquito tweezers.
- Long tweezers.
- Condensation spatula.
- Dispensing tool.
- Set of three tools for ceramics.
- Carving tool for ceramics.
- Agate spatula.
- Pen.
- Cutter.
- Set of 6 Marta kolinsky paintbrushes with cap.

DIMENSIONS

Ref. 060402	(L) 190 x (W) 135 (H) 30 mm	0,450 kg

Set of instruments

Ref. 050500 *(for ceramic)*

Ref. 050500	(L) 190 x (W) 64 x (H) 24 mm	0,121 kg

Ref. 050500-01 Ref. 050500-03

Ref. 050500-02

Spare tips

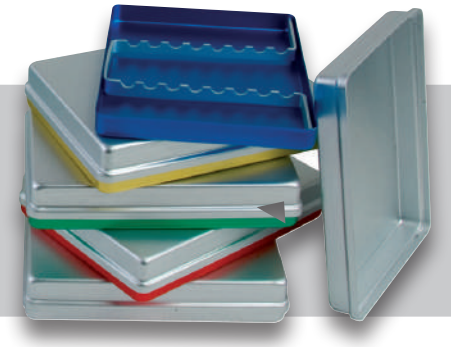
Tool kit for resin Ref. 130000

Instrument tray

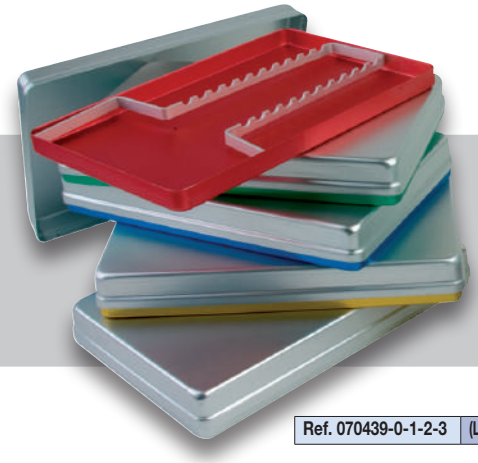
Little

Ref. 070430 = Silver
Ref. 070431 = Gold
Ref. 070432 = Red
Ref. 070433 = Blue
Ref. 070434 = Green

Made of anodized aluminium



Ref. 070430-1-2-3-4	(L) 185 x (W) 145 x (H) 40 mm	0,250 kg



Big

Ref. 070439 = Green
Ref. 070440 = Silver
Ref. 070441 = Gold
Ref. 070442 = Red
Ref. 070443 = Blue

Ref. 070439-0-1-2-3	(L) 290 x (W) 185 x (H) 40 mm	0,414 kg

Boxes for orthodontic plates

Made of plastic in different colours

Ref. 070002 (100 u.) Blue
Ref. 070006 (100 u.) Green
Ref. 070007 (100 u.) Light green
Ref. 070008 (100 u.) Orange

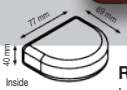
DIMENSIONS

Pack (100 u.) **(L) 345 x (W) 305 x (H) 195 mm**	**2,460 kg** (100 u.)
Pack (25 u.) **(L) 240 x (W) 160 x (H) 140 mm**	**0,535 kg** (25 u.)

Orthodontic and denture boxes

Made of plastic; 25 units; assorted colours

Ref. 070600



Ref. 070605 Cord for boxes Supplied in 6 assorted colours (25 units). Length: 1 000 mm

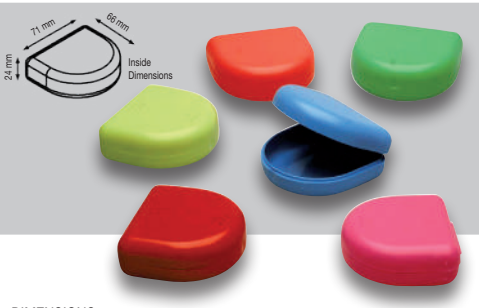
DIMENSIONS **REF. 070600**

Pack (25 u.) **(L) 300 x (W) 180 x (H) 160 mm**	**0,740 kg** (25 u.)

Boxes for orthodontic plates

Made of plastic. 25 units. Assorted colours

Ref. 070590

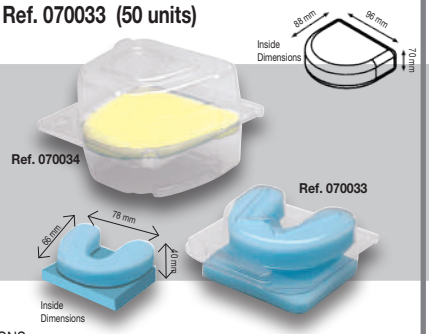


DIMENSIONS

Pack (25 u.) **(L) 240 x (W) 160 x (H) 140 mm**	**0,540 kg** (25 u.)

Boxes for models

Large **Ref. 070034 (50 units)**
Small **Ref. 070033 (50 units)**



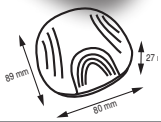
DIMENSIONS

Ref. 070033 Pack (50 u.)	(L) 290 x (W) 225 x (H) 255 mm	1,121 kg
Ref. 070034 Pack (50 u.)	(L) 290 x (W) 225 x (H) 255 mm	0,930 kg

Denture boxes Ref. 070622

Made of plastic 5 u. assorted

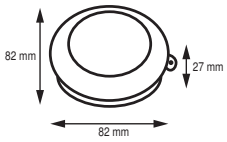
NEW



Denture boxes Ref. 070622

Made of plastic 5 u. assorted

NEW



Denture boxes Ref. 070618

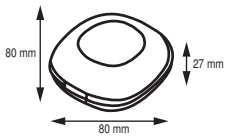
Made of plastic 5 u. assorted

NEW

Denture boxes Ref. 070620

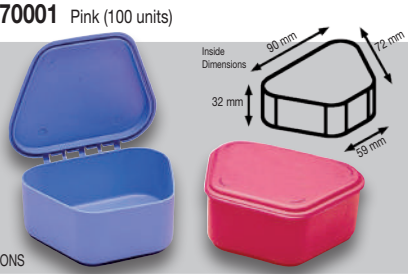
Made of plastic 5 u. Black

NEW



Denture boxes Plastic

Ref. 070000 Blue (100 units)
Ref. 070001 Pink (100 units)

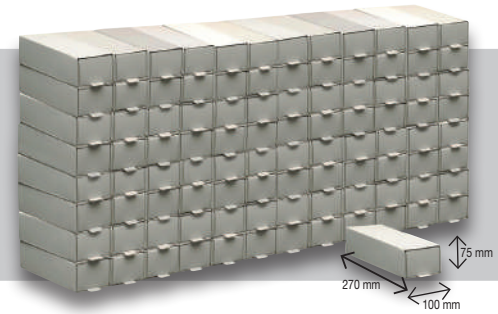


DIMENSIONS

Ref. 070000 Pack (100 u.)	**(L) 420 x (W) 380 x (H) 240 mm**	**3,420 kg** (100 u.)
Ref. 070000-25 (25 u.)	**(L) 300 x (W) 180 x (H) 160 mm**	**0,742 kg** (25 u.)
Ref. 070001 Pack (100 u.)	**(L) 420 x (W) 380 x (H) 240 mm**	**3,420 kg** (100 u.)
Ref. 070001-25 (25 u.)	**(L) 300 x (W) 180 x (H) 160 mm**	**0,742 kg** (25 u.)

Boxes for orthodontic models

(100 units) **Ref. 070570**

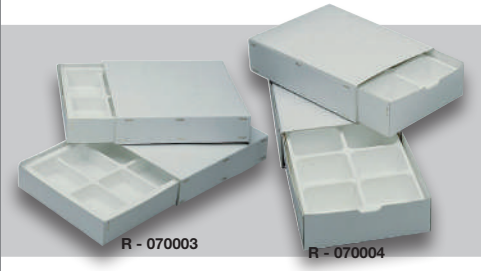


DIMENSIONS

Paking (100 u.)	(L) 555 x (W) 390 x (H) 335 mm	12,330 kg (100 u.)

Containers for models

Ref. 070003 6 models placed horizontally
Ref. 070004 12 models placed vertically



DIMENSIONS

Ref. 070003 Pack	(L) 230 x (W) 240 x (H) 58 mm	0,345 kg
Ref. 070004 Pack	(L) 290 x (W) 220 x (H) 75 mm	0,425 kg

Transport and cleaning box

Ref. 100265 Plastic

Ref. 100265	(L) 115 x (W) 95 x (H) 46 mm	0,118 kg
	(L) 120 x (W) 100 x (H) 50 mm	0,143 kg

Boxes for model transport Ref. 110000

Autoforming box perfect when transporting models and small objects (orthodontic or prosthesis tools, etc.) from the laboratory to the dental clinic. **The main advantages of the system are the following:**

- The box includes everything: there is no need of protective material, scotch tape, seal, or any other packing element.
- The box is ready in just a few seconds. It is extremely easy to assemble.
- Approved for posting or forwarding.
- Goods are transported hung by means of an ingenious system that protects them from vibrations.
- Elasticity of cling film allows it to adapt to any shape.
- Immediate opening, no need of scissors, cutters or any other tool
- When the box is opened out, it takes up little space, so it can be stored anywhere (10 times less than any other similar packaging).
- This system can be used several times, so it is an environmentally friendly product. It also has a 30% recycled paper, so it fulfils German RESY Regulation environmental requirements.

- It is supplied in packs of 100 units.

100 u. (L) 530 x (W) 370 x (H) 185 mm	5,500 kg

Boxes for prosthesis

(with drain)(4 units) **Ref. 100267** Plastic

Ref. 100267	(L) 85 x (W) 76 x (H) 80 mm	0,082 kg
4 units	(L) 165 x (W) 165 x (H) 80 mm	0,389 kg

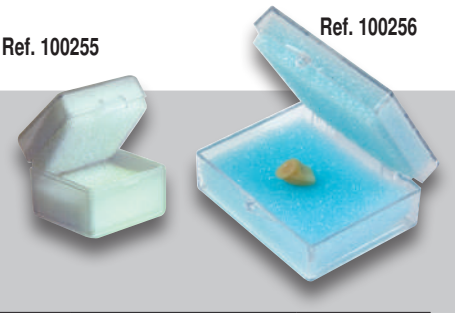
Brackets boxes

Ref. 100263 B *(10 unit bags)* Plastic

Ref. 100263 (10 u.)	(L) 60 x (W) 100 x (H) 22 mm	0,045 kg u.

Transport boxes Plastic

Ref. 100255 Ref. 100256



Ref. 100255	(L) 29 x (W) 29 x (H) 23 mm	0,005 kg u.
50 units	(L) 178 x (W) 150 x (H) 44 mm	0,289 kg- 50 u.
Ref. 100256	(L) 56 x (W) 44 x (H) 23 mm	0,011 kg u.
25 units	(L) 280 x (W) 235 x (H) 23 mm	0,318 kg- 25 u.

Boxes with membrane

(10 unit bags) ***safety lock***

Ref. 100262	(L) 55 x (W) 49 x (H) 25 mm	0,023 kg u.
10 u.	(L) 147 x (W) 56 x (H) 56 mm	0,261 kg
Ref. 100263	(L) 60 x (W) 100 x (H) 22 mm	0,045 kg u.
10 u	(L) 125 x (W) 105 x (H) 135 mm	0,475 kg
Ref. 100264	(L) 100 x (W) 100 x (H) 45 mm	0,081 kg u.
10 u.	(L) 430 x (W) 110 x (H) 100 mm	0,911 kg

Specially designed for the transport and delivery of high quality elements. The inside is cushioned by a high flexibility membrane, which gives you the impression that the content inside is hanging in the air. Thanks to its transparency, the content can be seen from every angle and perspective.

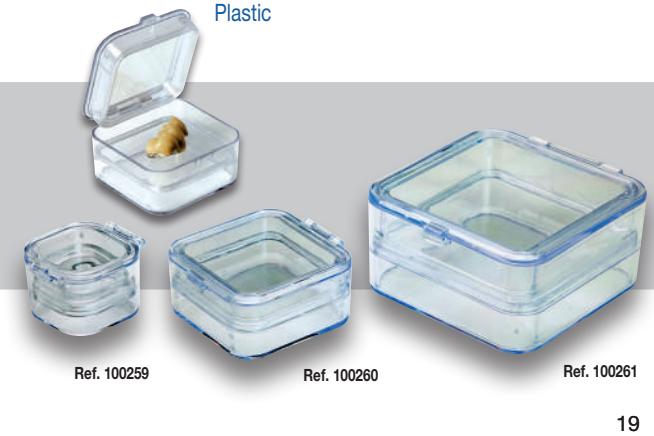
Plastic

Boxes with membrane

(10 unit bags) ***without safety lock***

Ref. 100259	(L) 23 x (W) 23 x (H) 25 mm	0,026 kg u.
Ref. 100260	(L) 50 x (W) 50 x (H) 25 mm	0,023 kg u.
Ref. 100261	(L) 75 x (W) 75 x (H) 40 mm	0,045 kg u.

Plastic



MESTRA®

Model tray

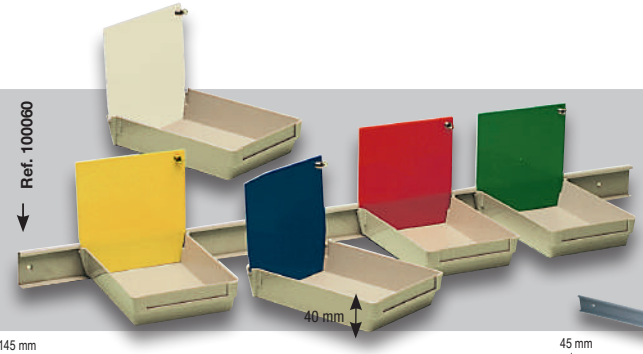
Ref. 050350

40 mm
150 mm
200 mm
0,1 kg (1u.)

Made of high-quality, high-resistance plastic.

Model tray *(10 units each colour)*

Yellow	**Ref. 100050**
Blue	**Ref. 100052**
Red	**Ref. 100054**
Green	**Ref. 100056**
White	**Ref. 100058**



Useful when organizing Dental Lab production. Labels can be put on the frontal part and there is a spring to hold specification sheets. These trays can be hung on the wall by a rail. (Ref. 100060) There are 5 colours available: yellow, blue, red, green and white. They are supplied in packs of 10 units each colour.

145 mm
190 mm
140 mm
0,2 kg (1u.)

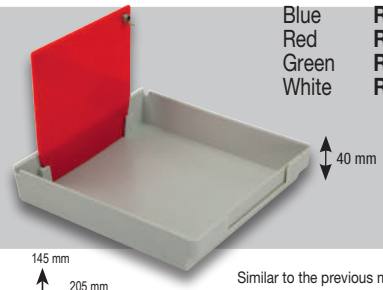
Rail
Ref. 100060

45 mm
11 mm
1000 mm
0,5 kg

Model tray *large*

(10 units each colour)

Yellow	**Ref. 100062**
Blue	**Ref. 100064**
Red	**Ref. 100066**
Green	**Ref. 100068**
White	**Ref. 100069**



145 mm
205 mm
195 mm
0,3 kg (1u.)

Similar to the previous model, but larger

Model tray *tabletop*

(10 units each colour)

*Not compatible with **Ref. 100048** trolley
*Not compatible with **Ref. 100060** rail

210 mm
150 mm
140 mm
0,13 kg (1u.)

10 u. **Ref. 100043** Yellow
10 u. **Ref. 100044** Blue
10 u. **Ref. 100045** Red
10 u. **Ref. 100046** Purple
10 u. **Ref. 100047** White

Model tray *high*

(10 units each colour)

NEW

Amarillo	**Ref. 100071**
Azul	**Ref. 100072**
Rojo	**Ref. 100073**
Verde	**Ref. 100074**
Blanco	**Ref. 100075**

145 mm
155 mm
145 mm
0,2 kg (1u.)

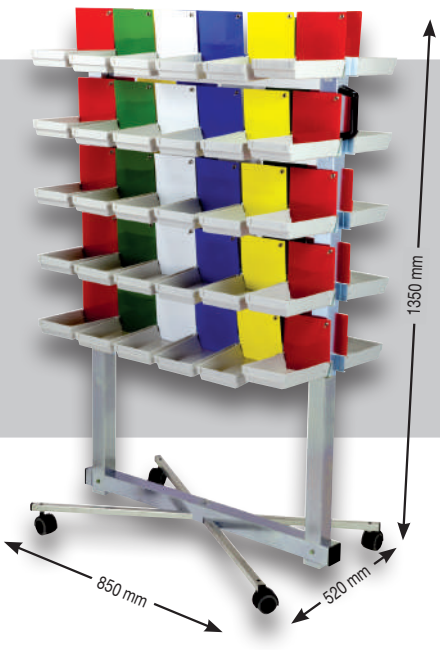
Tray trolley

Ref. 100048

(L) 1.320 x (W) 160 x (H) 110 mm | 14 kg

Tray trolley
+ 30 small units
+ 20 large units
Ref. 100048-50

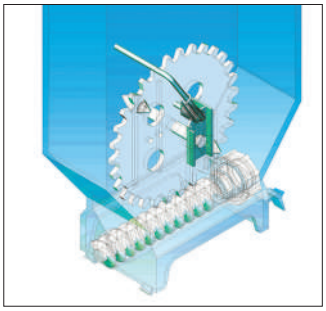
Tray trolley
+ 60 small units
Ref. 100048-60

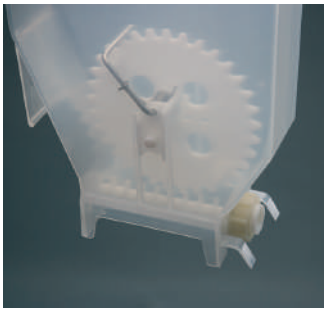


MESTRA®

Water and plaster dispenser Precision Ref. 080592

Optimized version of the Boomerang dispenser, with a new quieter peristaltic pump, a more precise weighing algorithm and a backlit alphanumeric display that allows a more intuitive and simple operation. Just press a button, and you will obtain a dose ready to be mixed. Besides its speed and precision, another advantage of this product is the saving of materials: when you dispense by hand, the trend is to increase the dose. However, with the Boomerang dispenser you will always obtain the exact dose, and the subsequent saving. According to our experience and estimates, the saving would be between 25 and 40%, quite important amount that will enable you to pay off the machine in a very short time. The machine has an electronic control which allow to alternate different types of powder (type II, III and IV) by just replacing the tank, to programme cycles, to work with fixed proportions, and so on. They are factory supplied with a rubber bowl to mix the plaster and a plastic spatula. Apart from that, an extra plaster tank (to alternate different types of powder) and a bracket to fix it to the wall is also included.





In case of a failure or obstruction in the dosage spindle, you can dismount and mount it again in less than two minutes, and no training in mechanics or special tools are required. Your hands are enough.
In the worst case, the whole tank unit is an economical element and easily replaced by the user himself. What in other machines are expensive works (maintenance, failures...) become routine works in our machine.

PROVEN:
Save between 20% and 40% on plaster.

Perishables:
spindle (2 units)
Ref. 080590-43

Plaster tank
Ref. 080590-03

Bracket
Ref. 080591-02

SPECIFICATIONS

Height	700 mm
Width	350 mm
Depth	430 mm
Voltage	230 V 50/60 Hz
Power	70 W
Large tank	5 l.
Small tank	2 l.
Weight.	7,5 kg

(L) 490 x (W) 460 x (H) 480 mm	8,000 kg	9,000 kg

MESTRA®

Iris II vacuum mixer Ref. 080516
Iris II Evolution Ref. 080517
Iris II Evolution Inverter Ref. 080517 E
Iris II Evolution Advanced Ref. 080518

Economical and useful vacuum mixer. Just place the bowl and press the operation key and the mixer will start up. In a few seconds the mixture will be ready.

As there are four versions available, you will find the model that best suits your needs. Despite the differences in their control system, all the versions share the same motor-pump-chassis structure of well known solidity and reliability.

The IRIS vacuum mixer has been designed to be hanged on the wall. However, whenever it is no possible, there is an optional support available.

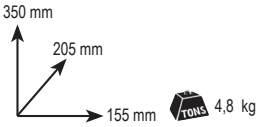
Ref. 080516

Ref. 080517

SPECIFICATIONS

Model	Iris II	Iris II Evolution	Iris II Evolution Inverter	Iris II Evolution Advanced
Time range	0/120"	0/300"	0/300"	0/300"
Rpm. and rotation	240 ↺	100-400 ↺	100-400 ↻↺	100-400 ↻↺
Power	100 W	100 W	100 W	100 W

(L) 520 x (W) 300 x (H) 360 mm | 7,000 kg



Ref. 080518

Ref. 080517E

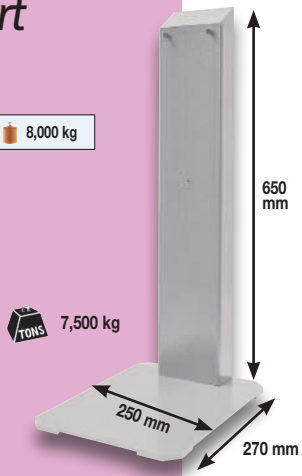
New optimized version of the well-known IRIS vacuum mixer. Among the improvements introduced we can point:

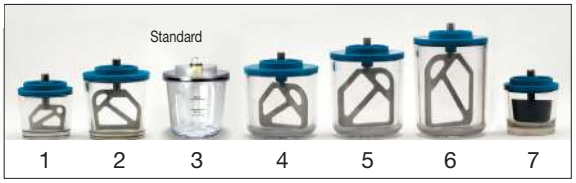
- Mixing spin inversion.
- Backlit alphanumeric display.
- New electronic controls for a more intuitive and simple programming.

Optional support

Ref. 080519

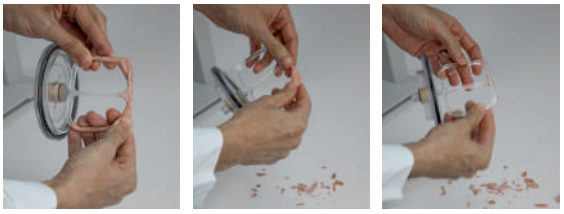
(L) 270 x (W) 260 x (H) 720 mm | 8,000 kg





We have a wide range of bowls, from 250 cc to 1250 cc.

The standard bowl has 550 cc and it is completely made of transparent polycarbonate. This material is very flexble and practically unbreakable.



The blaide is also made of polycarbonate, and it deserves a closer look:

- In case the mixture dries up, the flexibility of the blade allows you breaking the remains of plaster easily.
- Polycarbonate is a non-stick material, and thus the cleaning is very easy.
- The injected plastic allows building blades of more hydrodynamic shapes than the traditional metal plate. This makes the mixing easier.
- The unit is mechanically simpler, so the number of failures and the maintenance decrease.

(L) 500 x (W) 470 x (H) 490 mm | 13,000 kg

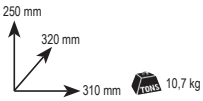
Koala vacuum mixer Ref. 080520

It is equipped with a powerful and solid stepdown motor with nylon gears (less noise and friction), and a two-body high vacuum pump. The Koala mixer makes mixing of coating, plaster, and other materials possible.

Thanks to its electronic control it is possible to easily introduce the operating time and also to choose cycles of only vacuum, or mixing + vacuum. With the programme switch cycles up to 3 steps can be defined.

These are very useful when working with certain techniques. This machine is supplied with all necessary elements in order to fix it to the wall and with two bowls of 250 cc and 550 cc.

There are also other accessories available like a fastening arm for bowls (for mixing without vacuum technique), and a base to turn the mixer into a tabletop model.



Ref. 080522

SPECIFICATIONS

Power	250 W
Voltage	230 V. 50/60 Hz.
Speed	240 rpm
	Each 10"

Tabletop base

(for vacuum mixer) **Ref. 080521**

This base turns the Koala Mixer into a tabletop model. It has holes at 3 different heights, so the Koala can be placed at the height that best suits the user.

9 kg

(L) 600 x (W) 420 x (H) 440 mm | 10,000 kg

Bowls for vacuum mixers

Koala Vacuum Mixer has one of the largest range of bowls available in the market, with capacities of 250 cc.; 550 cc.; 750 cc.; 1.000 c.c.; 1.250 c.c.; and 230 cc. (specially designed for alginate mixing). All of them are made of resistant transparent polycarbonate. **Ref. 080529** Stainless steel.

1 2 3 4 5 6 7

SPECIFICATIONS

Bowl		Ref.	Ø	↕	
1	250 cc	Ref. 080523	93	92	0,374 kg
2	550 cc	Ref. 080524	113	112	0,354 kg
3	550 cc Standar	Ref. 080524-P	113	112	0,207 kg
4	750 cc	Ref. 080525	127	129	0,732 kg
5	1.000 cc	Ref. 080526	127	154	0,824 kg
6	1.250 cc	Ref. 080527	127	175	0,909 kg
7	230 cc. (Specially alginate)	Ref. 080528	93	92	0,400 kg

Mulhacén model trimmer - *Sandpaper* Ref. 080093
Mulhacén model trimmer - *Carbide* Ref. 080094
Mulhacén model trimmer - *Diamant* Ref. 080095

Modern and versatile model trimmer. It features a powerful 1600 W motor with integrated brake, opening lid for easy access to the disc, operation warning light, discs with hook-and-loop type (Velcro®) fastener, sophisticated cleaning system, adjustable worktable... and an endless list of elements which make it – probably– the most complete model trimmer in the market. Unbeatable quality/ price ratio.

Ref. 080093

Ref. 080095

- Easily removable cover (wide-opening hinge). Easy to clean and easy access to the disc.
- Made of very strong technical plastics.
- Corrosion free

Mulhacén model trimmer - Sandpaper DRY Ref. 080096

The main characteristic of the trimmer is that the surfacing operation is performed dry.
-Stability of the material to be trimmed, since it isnot wet.
-Higher performance and longer life, minimal effort.
OPTIONAL EXHAUSTER (ESSENTIAL).

Ref. 080096

Ref. 080539

Ref. 080538

SPECIFICATIONS

Voltage	230 V - 50-60 Hz
Rated power	1600 W
Disc diameter	250 mm
Speed	3000 r.p.m.
Dimensions	(H) 340 x (W) 340 x (D) 420 mm
Weight	10.5 kg

(L) 400 x (W) 530 x (H) 440 mm | 13,500 kg

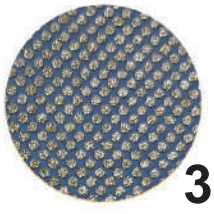
- Hook-and-loop (velcro®) type abrasive disc. High cutting power and very easy to replace

1

2

Abrasive disc

Diamond disc



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4

CAUTION!
Diamond discs are very heath-sensitive: do not trim or rectify metal pieces or coatings.

Accessories

1 **Ref. 080093-04** (5 u.) 80 grit abrasive disc (coarse)
2 **Ref. 080093-05** (5 u.) 120 grit abrasive disc (fine)
3 **Ref. 080093-55** (1 u.) Diamond disc
4 **Ref. 080093-65** (1 u.) Silicon carbide disc Ø 250 mm

Ref. 080097

Ref. 080098

Ref. 080099

1 Ref. 080097-08 (5 u.) Sandpaper disc coarse grain - 80
2 Ref. 080097-09 (5 u.) Sandpaper disc fine grain - 120
3 Ref. 080098-01 (1 u.) Diamant disc

Serantes model trimmer

NEW

Sandpaper disc trimmer **Ref. 080097**
Diamant disc trimmer **Ref. 080098**
Sandpaper disc - DRY trimmer **Ref. 080099**

Ultra compact. It may be the trimmer currently on the dental market, with smaller dimensions. The concept of him derives directly of the **Mulhacén model (080093)**, with which it shares many of its performance and characteristics, except for dimensions. In this sense we can speak of a powerful 1600 W motor with integrated brake, lid with easy opening to access the disc, discs with easily changeable hook / loop type fixation, water cleaning system, high resistance composite manufacturing and of course no corrosion, etc.

Ideal for general dental applications and especially for those environments in which the user does not have much space, but who nevertheless does not want to give up the possibilities that a completely professional trimmer offers in terms of productivity and quality: the size of the table and window have been studied so that it can be used in jobs similar to those carried out on larger trimmer models.

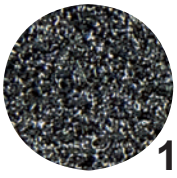
The Serantes trimmer is supplied in three different versions, all of them with a hook/loop disc fixing system:

- With a choice of conventional 80 or 120 grain abrasive disc. General purpose version ideal for any dental user.
- With diamond disc: Designed for demanding environments in those that speed and productivity are key aspects.
- Dry, without water circuit: Designed for environments where the water supply and drainage are difficult to install or for professionals who do not want to wet the models.

Serantes is fully compatible with the MESTRA range of decanters. Supplied with 2 sandpaper discs.

SPECIFICATIONS

Voltage	**230 V - 5060 Hz**
Rated power	**1600 W**
Disc diameter	**235 mm**
Speed	**3000 r.p.m.**
Dimensions	**(L) 380 x (W) 285 x (H) 340 mm**
Weight	**4.9 kg**



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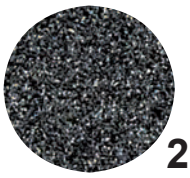

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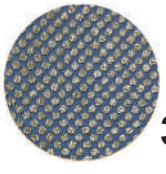


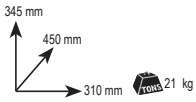
3

NEW

MESTRA®

Model trimmer (Classic)

The **MESTRA** model trimmer is a strong and robust machine, featuring the latest improvements and innovations required by a machine of these characteristics. Its robustness can be seen at a glance and its weight of more than 21 kg (maximum on machines of this type) added to the use of non slip rubber feet assures perfect stability during facing operations. It runs noiselessly as the special resin wheel is carefully balanced. The wheel is mounted on an aluminium plate, thus achieving a larger working area as it has no shaft or external nut hinder grinding operation in this area. The motor is provided with guards, giving a more compact and harmonious appearance, while ensuring safe operation, preventing any possible accident. The **MESTRA** trimmer is equipped with an electro-valve for electronic feed of water by pressing a switch.
This switch is protected with a PVC insulating cover to prevent any electric shock due to humidity. It also has an earth cable. Water flow is directly adjusted from the machine through an adjustment valve. The drainage system is of lateral type, designed to prevent clogging as the drain hole is oversized 30 mm and the water carrying plaster particles is driven outward by the air turbulence generated by the wheel. The component supporting the patterns is of tilting type with three positions. The motor is monophasic, and is insulated from the wet area of the machine by means of a retainer with a stainless steel spring for a perfect fit on the motor shaft end. The motor shaft is made of hardened and ground stainless steel.
The **MESTRA** model trimmer is entirely made of aluminium except a few components made of stainless steel. The machine is painted with epoxy paint, and always looks as good as new.



(L) 330 x (W) 570 x (H) 400 mm	24,000 kg

SPECIFICATIONS

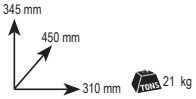
Monophasic motor	Ref. 080082-83	Ref. 080080-81
Voltage	230 V - 50-60 Hz	230 V - 50-60 Hz
Rated power	1200 W	800 W
Disc diameter	250 / 254 mm	250 / 254 mm
Power	3000	1500
Capacitor	16 µF 450 V	12 µF 450 V

Which trimmer should I choose?

The Classic series trimmer family consists of five products. Although all the trimmers share the same concept and performance, there are several special features that make them different.

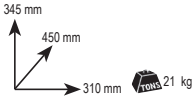
1500 rpm silicon carbide disc trimmer
Ref. 080080

Due to its low speed, the main advantage of the trimmer is its easy handling, its silent operation and the scarce splashing it produces.
Thus, it is recommended for professionals not very familiarized with trimming who work in places that have to remain clean or in places where they cannot make too much noise.



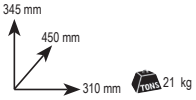
1500 rpm diamond disc trimmer
Ref. 080081

Similar features of the previous trimmer, but with a diamond disc. The diamond disc, if used properly, has a much longer working life.
Besides, the trimming surface is maintained completely flat, with no weaRef. scratches.
Its price, however, is higher.



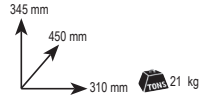
3000 rpm silicon carbide disc trimmer
Ref. 080082

It is the model that best meets the requirements of the dental lab. Its trimming power is very high, and it can cope with a heavy workload in a very short time. Recommended for experienced professionals working in places where a little more noise or splashing is not a problem.



3000 rpm diamond disc trimmer
Ref. 080083

Identical features of the previous model, but with a diamond disc.



RDS-1 trimmer

Ref. 080084 DRY

The main characteristic of the RDS-1trimmer is that the surfacing operation is performed dry, with a diamond disc at 1.500 r.p.m.
- Stability of the material to be trimmed, since it isnot wet.
- Higher performance and longer life, minimal effort.
OPTIONAL EXHAUSTER (ESSENTIAL).

(L) 330 x (W) 570 x (H) 400 mm	24 kg

CAUTION!

Diamond discs are very heath-sensitive: do not trim or rectify metal pieces or coatings.

Silicon carbide disc Ø 250 mm
Ref. 080080-03

Diamond disc Ø 254 mm
Ref. 080081-01

All diamond disc Ø 254 mm
Ref. 080079-05

Decanter (19 l.)

Ref. 080085

Made of resistant polypropylene. It has been specifically designed for a quick and easy cleaning, since dirt is collected in a plastic bag. The lid closes hermetically and prevents the spread of bad smells. Its size and shape have beendesigned for the unit to be easily installed under the sink.

Height	465 mm
Diameter	400 mm
Capacity	19 l
Weight	3.2 kg

(L) 500 x (W) 430 x (H) 430 mm	4.5 kg

Decanter (14 l.)

Ref. 080087

Similar features to the Ref. 080085, but smaller (14 l.)

Height	345 mm
Diameter	350 mm
Capacity	14 l
Weight	2.2 kg

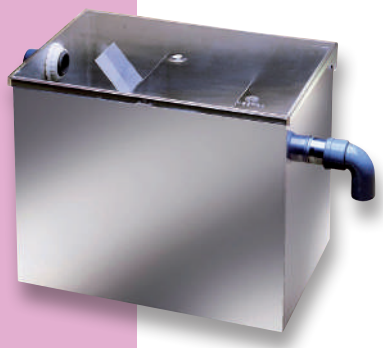
(L) 360 x (W) 360 x (H) 340 mm	2.8 kg

Decanter (18 l.)

Ref. 080086

Inox

-Made of stainless steel
-With plastic lid to prevent smells



Height	290 mm
Width	450 mm
Depth	230 mm
Weight	6.5 kg

(L) 520 x (W) 300 x (H) 350 mm	7.5 kg

Decanter (70 l.) Ref. 080089

It is made in highly resistant fibreglass with a total capacity of 70 l. and a design that allows an easy installation under the sink.
It also has wheels which make its movement easier. Cleaning and emptying operations are easy because of the optimum access to the cube.
This machine is supplied with all the couple nuts and accessories for its installation.

Height	615 mm
Width	520 mm
Depth	600 mm
Weight	10 kg

(L) 650 x (W) 650 x (H) 650 mm	15 kg

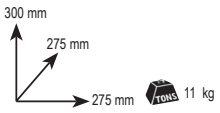
MESTRA®

Interior trimmer Ref. 080102

The MESTRA interior trimmer is carefully designed to facilitate trimming work in dental laboratories. It comes in a compact, fully stainless steel built unit which is easy to clean and totally corrosion-resistant. Its large sitting surface and non-slip rubber feet make the unit stable and prevent vibrations or unwanted movements during use. Its powerful 1/3 HP, 3000 rpm motor ensures optimum cutting power and smooth, quiet operation. The trimmer is designed to work with 6 mm shank diameter drills.

The worktable is perforated to drain off the dust caused during denture trimming, and has an outlet tube which can be connected to an external exhauster. At the rear there is a Schuko type power connection which is very useful when an exhauster is used. The interior trimmer has a safety switch to protect against unexpected start-ups and a drill protection screen.

It meets EC regulations, and is supplied with one 12-tooth hard-metal drill.



SPECIFICATIONS

Monophasic motor / Rated power	250 W
Speed	3000 rpm
Voltage	230 V 50/60 Hz
(L) 520 x (W) 290 x (H) 360 mm	12,500 kg

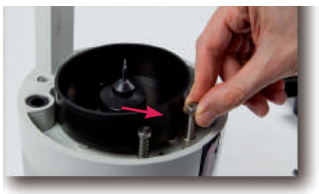
Burs for interior trimmer

These burs are made of tungsten with grooving serration and are available in two different outlines: cylindrical and rounded conical. The rounded conical bur is supplied with three different kinds of serration: nº5 X (standard), nº3 and nº6 (fine). On the other hand, the cylindrical bur is supplied with serration nº3 and nº6. Dimensions: head diameter 12,5 mm; total length 77 mm.

	Type		(L) x (W) x (H)
Ref. 080102-09	Conical (serration nº 5x). Standard	0,041 kg	95 x 17 x 16 mm
Ref. 080106	Conical (serration nº 3).	0,043 kg	75 x 17 x 16 mm
Ref. 080103	Conical (serration nº 6).	0,052 kg	95 x 17 x 16 mm
Ref. 080104	Cylindrical (serration nº 6)	0,060 kg	95 x 17 x 16 mm
Ref. 080105	Cylindrical (serration nº 3)	0,053 kg	95 x 17 x 16 mm
Ref. 080107	Tungsten conical (serration)	0,026 kg	85 x 22 Ø mm
Ref. 080108	Tungsten cylindrical (serration)	0,052 kg	85 x 22 Ø mm

Atlas Pin drill Ref. 080610

Easy to handle, the machine allows to drill precision holes in the lower part of the model.
Changing and adjusting the bit is an easy and intuitive operation.
The machine works silently and without vibration. The laser in the upper part of the machine allows to locate exactly the place to drill. Its size, simplicity and ergonomics make it the ideal device for the technique of individualizing pins.
The machine is factory supplied with 2 burs: 1.85 mm and 1.95 mm



Details are very important when designing a good pin drill:
the drill-anchoring system has to be ease to loosen.
In the case of the Atlas pin drill, a few seconds are enough to replace the drill or adjust its height.
The table can easily regulate the depth of the drill:
you just have to turn a screw to adjust the height at will.

1,85 1,95

Ref. 100250-05 (1,85) mm
Ref. 100250-06 (1,95) mm

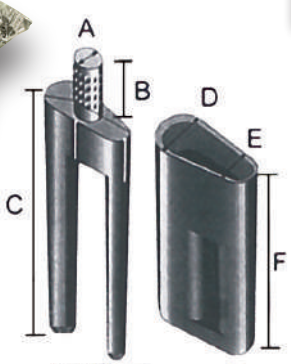
SPECIFICATIONS

Height	300 mm
Width	165 mm
Depth	165 mm
Weight	5 kg
Voltage	230 V 50/60 Hz
Power	100 W
Speed	6000 rpm
(L) 250 x (W) 250 x (H) 380 mm	6,000 kg

BI-V-PIN *(long; 15 mm)* Ref. 050560 (1.000 units)
BI-V-PIN *(short; 13 mm)* Ref. 050558 (1.000 units)

Precise nickel plated pins. BI-Pin model has an exact fitting with sleeve for excellent retentive effect.
Base fitting is perfect and it avoids rotation.
Bi-PINs are supplied with a rubber sheet.

(pack of 1.000 units)



Bi-V-Pin

DIMENSION(mm)		
A	B	C
1.95	5.0	15.0

Metal Sleeve

DIMENSION(mm)		
D	E	F
2.50	1.90	12.95

(L) 165 x (W) 73 x (H) 110 mm | 1,705 kg

Bi-V-Pin

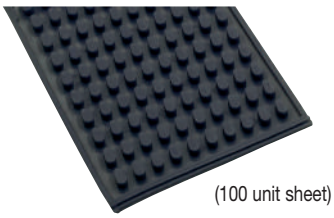
DIMENSION(mm)		
A	B	C
1.95	5.0	13

Metal Sleeve

DIMENSION(mm)		
D	E	F
2.50	1.90	11

(L) 165 x (W) 73 x (H) 110 mm | 1,680 kg

Rubber sheets for BI-V-Pin Ref. 050570

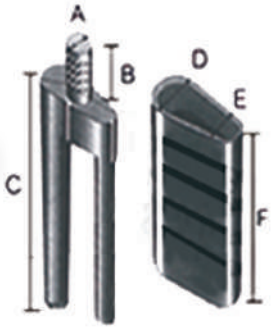


(100 unit sheet)

(L) 97 x (W) 70 x (H) 5 mm | 0,013 kg

BI-V-PIN *(with plastic sleeve; 1000 units)*
Ref. 050557

Similar to conventional Bi-Pin but with plastic sleeve.
Pin-sleeve fitting and gripping to the plaster model are very precise. Optimal fitting precision.
Friction between sleeve and pin is ideal for assembly-disassembly.



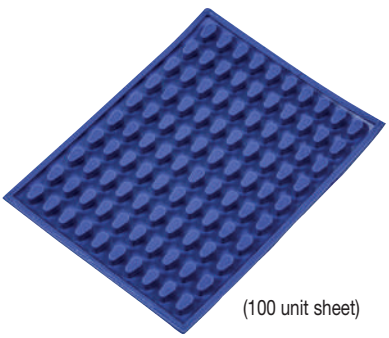
Bi-V-Pin

DIMENSION(mm)		
A	B	C
1.95	5.0	15

Plastic Sleeve

DIMENSION(mm)		
D	E	F
2.50	1.90	13

Rubber sheets for BI-V-Pin Ref. 050574

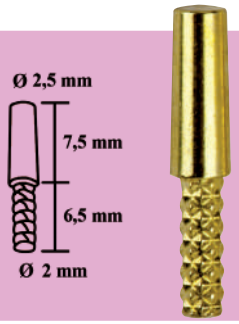


(100 unit sheet)

(L) 163 x (W) 73 x (H) 108 mm | 1,026 kg

PIN *(short cylinder)*
Ref. 050576

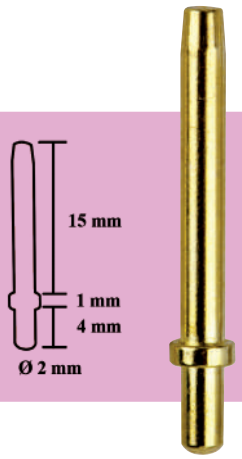
"Knurled" short cylindrical pin
(1000 unit pack)



(L) 90 x (W) 70 x (H) 55 mm | 0,376 kg

PIN *(long cylinder)*
Ref. 050578

Long cylindrical pin (20 mm)
(1000 unit pack)

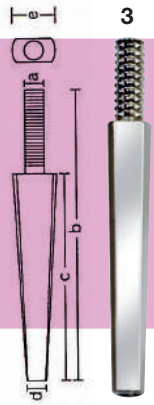


(L) 120 x (W) 95 x (H) 43 mm | 0,400 kg

DOWEL PIN *(1.000 units)*

1 Ref. 050562 Dowel PIN 20 mm. Golden (pack 1.000 u.)
2 Ref. 050564 Dowel PIN 22 mm. Golden (pack 1.000 u.)
3 Ref. 050566 Dowel PIN Flat 22 mm. Chrome (pack 1.000 u.)

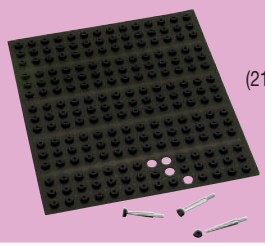
DIMENSION(mm)					
Size	A	B	C	D	E
1	1.95	20.0	15.0	1.50	2.95
2	1.95	22.0	17.0	1.60	3.16



DIMENSION(mm)				
A	B	C	D	E
1.95	22.0	17.0	1.60	2.90

(L) 90 x (W) 70 x (H) 55 mm | 0,521 kg

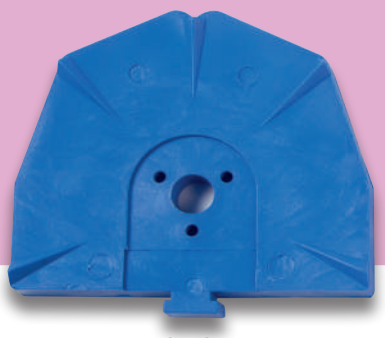
Rubber sheets for DOWEL PIN Ref. 050572



(210 unit sheet)

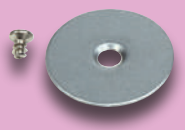
(L) 136 x (W) 113 x (H) 5 mm | 0,018 kg

Base plates for pin driller



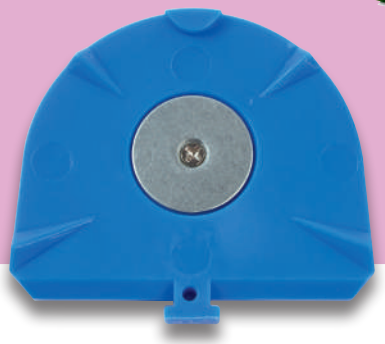
Base plate for former 100 u.
Ref. 050180

Base plate without washer 100 u.
Ref. 050182



Washer for base plate (50 u.)
Ref. 050182-01

NEW



Base plate with washer 50 u.
Ref. 050184

Secondary plate with magnet 25 u.
Ref. 050186

MESTRA®

Electrovibrator

With the arrival on the market of the Teide Cima vibrator, a set of innovations until now unknown in similar products of the dental sector were introduced. Among them, we can highlight the possibility of choosing between four types of different frequency, the incorporation of a practical timer, a fully digitized control, or a new and practical ball pouring system. After these years, we had to update and modernize our Teide, launching a new version that improves the performance of the previous model. Among the most significant developments we can point out:

- **Control completely renewed:** it incorporates an intuitive graphic display with which the operation of the device is much simpler.
- **Improved waveforms:** Although the vibration frequencies are the same (they were already optimized in the previous version), the waveform has been modified by smoothing it.
- **Improvements in the electromechanical system:** That, combined with those of the previous point, increase efficiency without implying an increase in noise and vibration.
- **Excellent reliability:** through a complete mechanical and electrical redesign work, the robustness of the set has been improved, achieving a practically "indestructible" product.

TEIDE CIMA Ref. 080024

TEIDE Ref. 080022

Our Teide model also gets benefit from the change of control. Although this model incorporates two different frequencies, the waveform is also optimized, which allows an improvement in efficiency without increasing noise and transmitted vibration. The electromechanical reliability improvements are also extended to this model, making it the most balanced option in the family. Performance and simplicity in perfect balance.

Accesorio:
Ref. 080022-10

TEIDE 1 Ref. 080021

The "Teide 1" model is still the simplest option of the three, but no less interesting. We must mention its ease of use and excellent reliability. Of course, it also shares with the rest of the range, the advantages common to the entire Teide family.

Timer Button:
It allows to select between four different times. It also has a continuous operation mode.

Power button
The power of the vibrator can be gradually increased in 5 levels. The synoptic display is very useful.

Vibration type button
The user can choose between 5 different types of vibration, optimizing the vibration for any type of mass due to its viscosity, humidity, nature, etc.

SPECIFICATIONS

Voltage	220 V. 50 Hz. / 115 V. 60 Hz.
Working area	220 x 180 mm
Rater power	280 W
Height	117 / 197 mm
Width	265 mm
Length	227 mm
Weigth	5,500 kg

(L) 310 x (W) 310 x (H) 190 mm	6,200 kg

Pouring ball

The pouring ball is very practical. Leaning on it the impression tray or the bowl, the material will flow smoothly and without bubbles, filling any gap.

In case it is not necessary, it is possible to remove quickly and easily.rápida y sencilla.

The dimensions of the table have been carefully calculated. It is intended to fit the maximum possible number of cylinders of different sizes, in the minimum possible area. After a complete combinatorial exercise, our engineers concluded that a table of 220 x 180 mm is the best possible relationship.

The basic forms have been designed to prevent possible plaster remains reaching the inside of the machine. The working environment of a vibrator is especially dirty. Therefore, **the edges of the rubber table (1), the sinking of the control panel (2), and the roundness of the corners (3)** are details that prevent dirt entering. In addition, all surfaces are perfectly smooth, allowing excellent cleaning.

The legs represent an important advance in the reduction of vibrations. Traditionally, the legs of a vibrator were designed as suction cups to be fixed to the table; or as hollow pivots of high flexibility. **MESTRA** engineers managed to combine both approaches by designing legs with a suction cup shaped end and a hollow body. The result of such an ingenious solution is surprising: the vibrations and noise transmitted to the table are drastically reduced.

Large electrovibrator Ref. 080010

Made of steel plate. Epoxy paint. Equiped with illuminated start/stop switch. Potentiometer for progressive adjustment of vibrations. Resting on suction pads. Working plate made of rubber on a metal body.

DIMENSIONS

(L) 390 x (W) 300 x (H) 130 mm	13,200 kg
Working area	370 x 275 mm
(L) 520 x (W) 290 x (H) 360 mm	14,500 kg

Square electrovibrator Ref. 080020

Made of steel plate. Epoxy paint. Equiped with illuminated start/stop switch. Potentiometer for progressive adjustment of vibrations. Resting on suction pads. Working plate made of rubber on a metal body.

DIMENSIONS

(L) 235 x (W) 235 x (H) 105 mm	6,300 kg
Working area	220 x 220 mm
(L) 310 x (W) 310 x (H) 190 mm	7,000 kg

Rectangular electrovibrator Ref. 080025

Similar features to those of the Square Electro Vibrator, except for its dimensions: 220 x 160 mm.

DIMENSIONS

(L) 235 x (W) 170 x (H) 105 mm	6,200 kg
Working area	220 x 160 mm
(L) 310 x (W) 310 x (H) 190 mm	6,900 kg

Round electrovibrator Ref. 080030

Its body is made of white colour anodized aluminium, and rests on suction pads. The working surface is made of rubber on a metal body and has a recess of 30 mm for inserting the tray. It is equipped with a potenciometer, a selector switch (+,-) for stepped adjustment of vibrations, and an “ON” light.

DIMENSIONS

(L) 152 x (W) 152 x (H) 100 mm	2,500 kg
Working area	120 mm
(L) 310 x (W) 310 x (H) 190 mm	3,000 kg

Electrovibrator rectangular

Ref. 100197

Robust and reliable and economical. It allows adjusting the power level and the vibrating mode (2 frequencies). The upper rubber cover is easily dismounted to clean the unit.

DIMENSIONS

(L) 275 x (W) 215 x (H) 100 mm	5,560 kg
Working area	260 x 190 mm
(L) 315 x (W) 260 x (H) 120 mm	6,270 kg

Round electrovibrator

(small) **Ref. 100200**

Strong and reliable vibrator at an outstanding price.
4-position power control.

DIMENSIONS

(L) 127 x (W) 127 x (H) 90 mm	1,600 kg
Working area	125 mm
(L) 200 x (W) 160 x (H) 90 mm	1,980 kg

Model saw Ref. 080614

Ideal tool for working with the technique of individualization. Its diamond blade it is only 0.3 mm. thick. This machine puts special care on safety, making almost impossible an accident. Elegant, handy to use and with a very attractive price.

SPECIFICATIONS

Power	200 W
Voltage	220-240 V 50/60 Hz
R.P.M.	6.000
Height	290 mm
Width	223 mm
Depth	260 mm
Weigth	6,31 kg

(L) 520 x (W) 300 x (H) 360 mm | 7,410 kg

Indigrap Ref. 050340 *(10 units)*

(L) 180 x (W) 80 x (H) 110 mm | 0,540 kg

Die tray system

Ref. 100206 *(10 units)*

Designed to be used as individualiser. The method used is very simple, intuitive and very well known. Its low cost is another strong point of this technique

(L) 190 x (W) 70 x (H) 90 mm | 0,345 kg

Composite heater Ref. 080077

Mestra composite heater is a device that allows to keep the syringes of composites, adhesives or other materials used in the dental laboratory warm until the moment of use.
With capacity for 8 syringes, it allows you to choose between three different temperatures (40, 50 or 70 ºC), to facilitate the handling of composites, improving their fluidity.

SPECIFICATIONS

Height	135 mm
Width	97 mm
Depth	110 mm
Weight	0,742 kg
Tenperatura	40-50 y 70ºC
Diameter of holes	16 mm
Voltage	100 - 240 V

Wax heater

(high capacity) **Ref. 080076**

Similar to the **Ref. 080078** Water Bath, but in this model the controls allow to regulate a wider range of temperatures and the tank is teflon coated. Thanks to these two modifications, you can keep a considerable amount of melted wax in the tank, ready to be used in different lab techniques.

SPECIFICATIONS

Height	146 mm	Voltage	230 V
Width	230 mm	Temperature range	30-100 °C
Depth	195 mm	Power	310 W
Weight	1,700 kg	Capacity	1 l.

(L) 300 x (W) 300 x (H) 200 mm — 2,000 kg

Water bath Ref. 080078

This machine is extremely useful when working with applications that need a water bath that keeps the water temperature accurately (polymerisation of small elements, wax sheets for biting registers, etc). It has a 1 litre stainless steel tank and it is easy to clean. The body is made in high density polyurethane, resistant to chemical agents.
Bath temperature control is made by an electronic thermostat easy to use and accurate when keeping the programmed temperature.
Temperature range is from 30 ºC to 75 ºC.
A powerful heater allows reaching the set temperature in a few minutes.

SPECIFICATIONS

Height	146 mm	Voltage	230 V
Width	230 mm	Temperature range	30-75 °C
Depth	195 mm	Power	310 W
Weight	1,700 kg	Capacity	1 l.

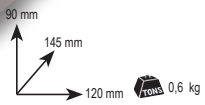
(L) 300 x (W) 300 x (H) 200 mm — 2,000 kg

Wax heater *(for dipping)*

Ref. 080075

It has electronic control via microprocessor to ensure that the set temperature entered by the user is very accurately maintained. The working temperature range is from 50° C to 99° C.

SPECIFICATIONS



Voltage	230 V.
Power	30 W
Tank	Ø 35 ↕35

(L) 150 x (W) 120 x (H) 120 mm — 0,630 kg

Wax heater Ref. 080070

No superfluous decorative elements are provided on its front. This makes it more functional, as drops of wax inevitably fall on this area when the spatula is being inserted and removed, which would damage the controls. The wax heater is set for a temperature of around 85 °C, which melts wax in 8 to 10 minutes.

SPECIFICATIONS

Height	60 mm	Voltage	230 V 50-60 Hz
Width	150 mm	Earth connection	
Length	140 mm	Power	60 W
Weight	1,1 kg		

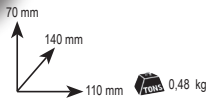
(L) 215 x (W) 155 x (H) 64 mm — 1,100 kg

Immersion heater

Ref. 100126

It can melt the wax in a few minutes and keep the temperature within a narrow variation range, which ensures the stability of the physical properties and therefore a high precision when making the crown. The electronic display is clear and the actual temperature in the tank and the set-point temperature can be easily checked. The heater can be regulated in Fahrenheit and Celsius degrees.

SPECIFICATIONS



Voltage	230 V
Temperature range	50-120 °C
Power	60 W

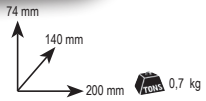
(L) 240 x (W) 180 x (H) 90 mm — 0,835 kg

Immersion heater

(3 tanks) **Ref. 100123**

Similar to the **Ref. 100126** immersion heater, but it features three tanks to heat three different types of wax, with independent temperature adjustment in each tank. The display shows continuously the real and set up temperatures in each tank.

SPECIFICATIONS



Voltage	230 V
Temperature range	50-120 °C
Power	60 W

(L) 240 x (W) 180 x (H) 90 mm — 1,190 kg

MESTRA®

Wax heater Ref. 080071

Very simple and easy to use. Just enter an operating temperature, and the electronic control system keeps the programmed temperature to a surprising degree of accuracy and shows it on an illuminated screen. Its strong plastic frame and membrane keypad prevent wax from filtering inside the device. The tank is divided into four independent compartments so that as many different types of wax can be heated. The teflon coating of the tank makes cleaning operations easier.

SPECIFICATIONS

Height	70 mm	Voltage	230 V 50-60 Hz
Width	192 mm	Temperature	50-120 °C
Depth	114 mm	Power	120 W
Weight	1,1 kg		

(L) 250 x (W) 180 x (H) 90 mm — 1,100 kg

Wax heater Ref. 080072

Similar to the Ref. 080071. The only difference is that the tank is divided into four independent compartments so that as many different types of wax can be heated. The teflon coating of the tank makes cleaning operations easier.

SPECIFICATIONS

Height	70 mm	Voltage	230 V 50-60 Hz
Width	192 mm	Temperature	50-120 °C
Depth	114 mm	Power	120 W
Weight	1,1 kg		

(L) 250 x (W) 180 x (H) 90 mm — 1,300 kg

Gas burner

Ref. 100001

Highly practical and easy to use. It is equipped with an atomizer head with 1.300 °C flame temperature and 2 hours autonomy with full tank. Burning is through an automatic piezoelectric device and flame can be regulated.

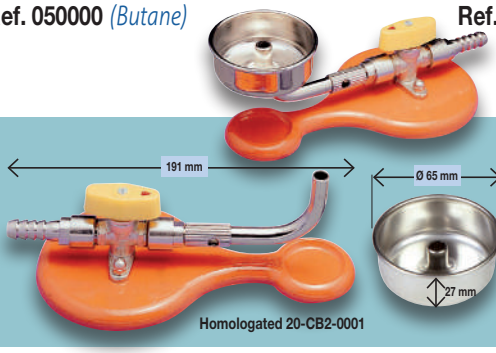
(L) 130 x (W) 90 x (H) 120 mm — 0,275 kg

Blowtorchs and burners

Gas burner

Ref. 050000 *(Butane)*

Ref. 050020 *(Natural gas)*



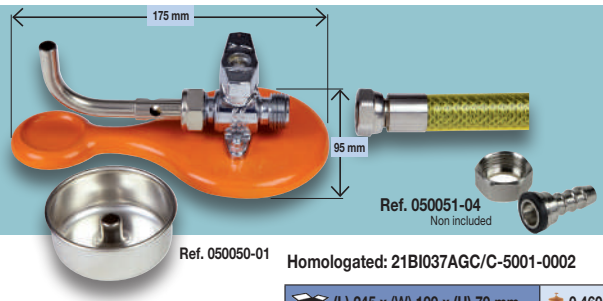
0,044 kg

Ref. 050050-01

Homologated 20-CB2-0001

Gas burner for threaded hose

Ref. 050051 *Butane/propane*
Ref. 050052 *Natural gas*
Ref. 050053 *Butane/propane + wax container*
Ref. 050054 *Natural gas + wax container*



Homologated: 21BI037AGC/C-5001-0002

(L) 245 x (W) 100 x (H) 70 mm — 0,460 kg

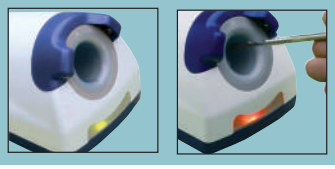
Gas burner with wax container

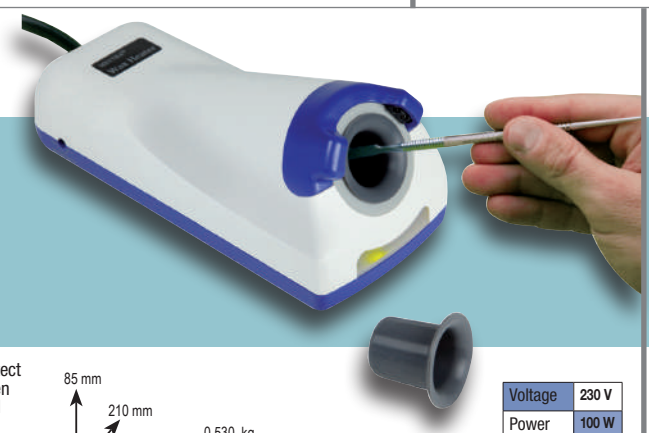
Ref. 050030 *(Butane)*

Ref. 050050 *(Natural gas)*

Induction heater

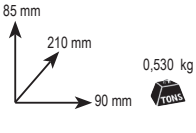
Ref. 100009





The green light means that the unit is on standby and ready for a tool to be inserted.

When the sensors detect an instrument between them the red light will turn on, which means that the induction is in operation.



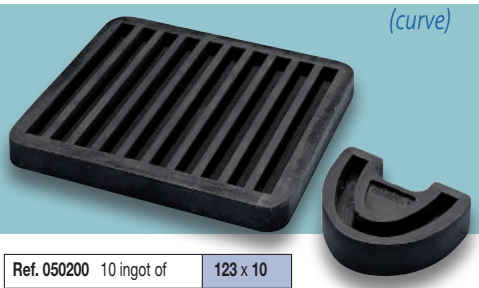
Voltage	230 V
Power	100 W

(L) 250 x (W) 180 x (H) 90 mm — 0,990 kg

Wax moulds

Ref. 050200 *(straight)*

Ref. 050210 *(curve)*



Ref. 050200 10 ingot of	123 x 10
(L) 175 x (W) 145 x (H) 15 mm	0,253 kg

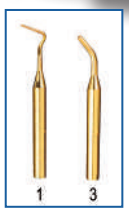
Ref. 050210 (L) 65 x (W) 74 x (H) 18 mm — 0,063 kg

MESTRA®

Electronic spatula

(for wax modelling) **Ref. 100007**

Its ergonomics, ease of use, and small size make it an optimal tool for this kind of work. The accuracy of the electronic controls is also remarkable, since it maintains the temperature in the spatula head within a narrow error margin.
The working temperature can be read on the digital display in the controls box. The device is factory supplied with two different heads, adaptable to the most commonly used shapes in the dental lab.



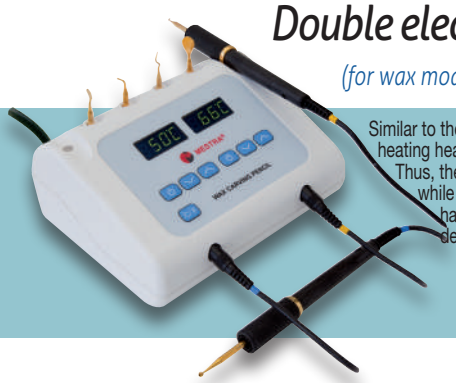
SPECIFICATIONS

Height	65 mm	Voltage	230 V
Width	75 mm	Temperature	50-200 °C
Depth	120 mm	Power	12 W
Weight	0,650 kg		

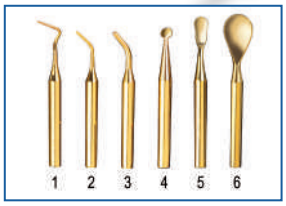
(L) 250 x (W) 180 x (H) 90 mm — 0,985 kg

Double electronic spatula

(for wax modelling) **Ref. 100008**



Similar to the **Ref. 100007**, but with two heating heads instead of one.
Thus, the temperature can be controlled while working the wax, without handling the controls box. The device is factory supplied with six different heads and, therefore, it can be adapted to the most common shapes used in the dental lab.



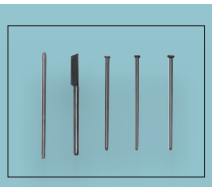
SPECIFICATIONS

Height	70 mm	Voltage	230 V
Width	150 mm	Temperature	50-200 °C
Depth	120 mm	Power	20 W
Weight	0,900 kg		

(L) 250 x (W) 180 x (H) 90 mm — 1,020 kg

Surveyor Ref. 050310

Concentric clamp for 2 mm rods.
COMPONENTES INCLUDED:
– Wax knife.
– Analyzing rod.
– Rod with: 0,25 - 0,50 - 0,75 rib.
– Holder with loads (6 u.) **Ref. 050310-35**



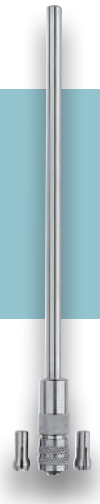
1 Ref. 050310-31
2 Ref. 050310-30
3 Ref. 050310-32
4 Ref. 050310-33
5 Ref. 050310-34

SPECIFICATIONS

(L) 250 x (W) Ø 168 mm — 4,153 Kg
(L) 315 x (W) 315 x (H) 200 mm — 4,980 kg

Atache tongs

(Surveyor) **Ref. 050320**



SPECIFICATIONS

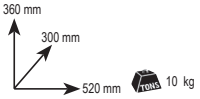
(L) 178 x (W) Ø 12 mm — 0,065 Kg
(L) 315 x (W) 315 x (H) 200 mm — 0,076 kg

Milling support

(V-3 paralellometer)

Ref. 080410

Elements included:
Parallelometer.
Wax knife Analyser rod.
Rods with 0,25, 0,5 and 0,75 ridges
2 Allen wrenches, 5 bushings for fitting different hand tools.
Drill hold.
Hand piece not included.



(L) 520 x (W) 300 x (H) 360 mm — 11,000 kg

Electronic spatula

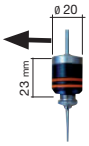
(for parallelometer)

Ref. 100006 A
B
C

Ø 3, 2.35 or 2 mm fixing shaft (diameter to be chosen when ordering). Ideal to be fitted in a parallelometer, micro-drilling support or similar device for modelling wax pieces. It is factory supplied with a complete tip set and an electronic control box. The control box allows an accurate adjustment of the working temperature of the tip by showing it on the digital display.

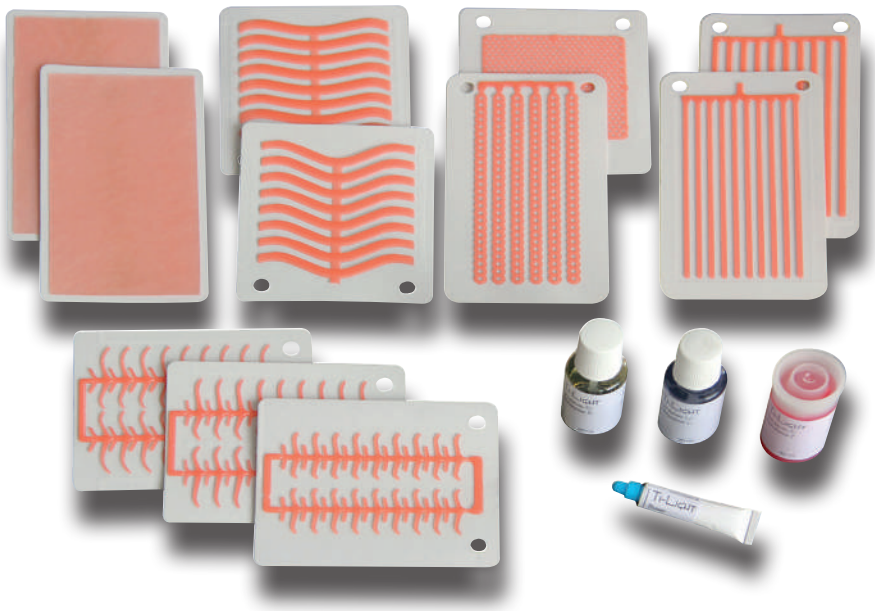
SPECIFICATIONS

Height	65 mm	Voltage	230 V	Ø fixing shaft of	
Width	75 mm	Temperature range	50-200 °C	parallelometer	A 3 mm
Depth	120 mm	Power	12 W	MESTRA →	B 2 mm
Weight	0,650 kg	Height adaptor	23 mm		C 2,35 mm



(L) 240 x (W) 180 x (H) 90 mm — 1,000 kg

MESTRA®



Light curing pattern Ti-Light

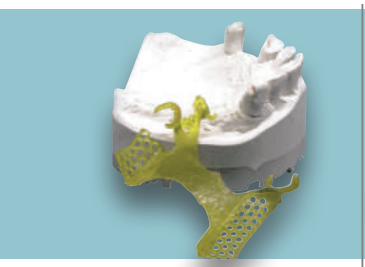
Imagine a product with the same characteristics, texture and formability as conventional modeling wax. Imagine that the same product, after being modeled, allows curing with a simple lamp, thus acquiring the own characteristics of a composite. Finally, also imagine that the modeled skeleton can be coated and casted following a conventional process, without appearing tensions, contractions, sinking or ashes. Can you imagine now the time and consumable that you would save with that material?

Content of the start-up kit Ref. 110001

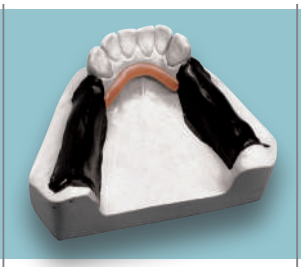
Description	Quantity
Molar clasps (18 pieces)	1 sheet
Premolar clasps (18 pieces)	1 sheet
Skeleton sheets	1 sheet
Stipple sheet 0.35 mm	1 sheet
Stipple sheet 0.45 mm	1 sheet
Stipple sheet 0.45 mm	1 sheet
Lingual bar	1 piece
Palatal bar	1 piece
Palatal bar	1 piece
Palatal plate	1 piece
Reinforcing rods (thick)	5 pieces
Reinforcing rods (thin)	5 pieces
Finishing lines	1 piece
Glue (polymerizable)	5 g.
Separator L	20 ml
Separator D	20 ml
Separator F	20 ml

Light curing pattern Ti-Light is available in several presentations: an initiation kit that includes all the elements necessary to perform skeleton modeling work; replacement boxes with different pre-formed elements (hooks, grilles, plates, reinforcements, etc.); and adhesives and separators that complement the family.

(L) 210 x (W) 155 x (H) 85 mm | 0,380 kg



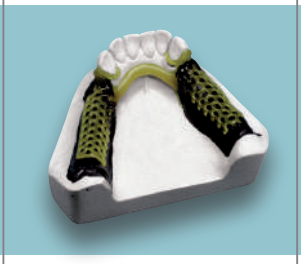
Modeling with Ti-Light® begins by preparing the model: preparation waxes, separating agents, etc. can be used.



Once the model is ready, the different elements that make up the skeleton are added.

The Ti-Light® family has a wide variety of pre-formed elements (hooks, bars, etc.) that make modeling work much easier.

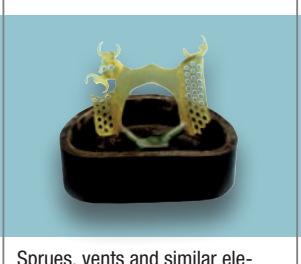
The union between the different elements of the skeleton is simple. Depending on the case, they can be glued by joining together and then pressing them with your finger; or adding some Ti-Light® adhesive.



After the modeling phase is finished, polymerization is carried out in a conventional polymerizing lamp. When Ti-Light® wax is ready, its color changes from pink to yellow.

After polymerization, reinforcements, inserts, etc., of conventional wax can be added. To remove the preparation waxes, steam can be used.

Once the skeleton is removed, Ti-Light® allows polishing and finishing operations.



Sprues, vents and similar elements of conventional wax can be inserted in the modeled skeleton. The coating and casting of the skeleton is done following conventional methods.

Replacements

Description	Quantity	Ref.
Molar clasps (18 pieces)	5 sheets	110001-01
Premolar clasps (18 pieces)	5 sheets	110001-02
Skeleton sheets	5 sheets	110001-03
Stipple sheet 0.35 mm	5 sheets	110001-04
Stipple sheet 0.45 mm	5 sheets	110001-05
Stipple sheet 0.45 mm	5 sheets	110001-06
Lingual bars (6 pieces)	4 sheets	110001-07
Lingual plates (6 pieces)	4 sheets	110001-08
Placas palatales (6 pieces)	4 sheets	110001-10
Refuerzos gruesos (6 pieces)	5 sheets	110001-11
Refuerzos finos (6 pieces)	5 sheets	110001-12
Líneas de acabado (6 pieces)	5 sheets	110001-13
Glue (polymerizable)	5 g	110001-14
Separator L	20 ml	110001-15
Separator D	20 ml	110001-16
Separator F	20 ml	110001-17

E2 Washing and polymerizing machine *(Stainless steel)* Ref. 080060

Chassis completely made of stainless steel

The E2 washing and polymerizing machine is equipped with a processor to control the temperature according to two set programmes.

1. Shower programme

a) The computer or the user can set a temperature (e.g. 80 °C) so that the E2 washer/polymerizer is ready to shower at all times.
b) Shower time required.

2. Polymerization programme

a) Delayed start time in hours and minutes from 0.00 to 99.59. This means the programme can be set to run at a particular time. This delay works each time the programme is started.
b) Duration of each controlled temperature increase gradient in hours and minutes from 0.00 to 99.59.
c) Required holding time at each temperature plateau in hours and minutes from 0.00 to 99.59.
d) Shower time required.

The washing system with 6 high-pressure water injectors ensures proper scalding of flasks and perfect wax removal.

Fast spray tree assembly & disassembly system.

Large compartment with room for 6 clamps with 2 flasks each

Drain cock

SPECIFICATIONS

Voltage	230 V - 50 - 60 Hz
Power	2200 + 400 W
Height (without knob)	450 mm
Width (with key)	405 mm
Length	635 mm
Weight	34,000 kg
INSIDE DIMENSIONS	(L) 400 x (W) 320 x (H) 350 mm

Polymerization: 12 flask with **Ref. 030380** clamps. 95° C.
Scalding: 6 flasks (open type) (±8 minutes) 85 °C.
Casing: Stainless steel

(L) 740 x (W) 520 x (H) 680 mm	44,000 kg

Washing machine cabinet *(Stainless steel)* Ref. 080050

Completely made of stainless steel. Together with the Ref. 080060 Washing and Polymerising Machine, they make a practical, aesthetic and unchanging combination in dental labs. It has three inner shelves in order to keep adequately flasks, clamps and any other material used in polymerizing processes.

SPECIFICATIONS

(L) 640 x (W) 370 x (H) 680 mm	22,000 kg
(L) 740 x (W) 520 x (H) 920 mm	30,000 kg

Polymerizing machine

MESTRA®

M-9 Polymerizer — Ref. 080400
M-18 Polymerizer — Ref. 080402

Ref. 080400
Made completely of stainless steel.
Polymerizes 9 flasks with the 030390 clamp The M-9 polymerizer is equipped with a processor to change the temperature according to a pre-set programme.

On the M-9 the operator (user) can select the following:

a) A delayed start time set in hours and minutes from 0.00 to 99 hours 59 minutes. This means the programme can be pre-set to start at a specific time. The delay works every time the programme is initiated.
b) The duration of each temperature increase gradient in hours and minutes from 0.00 to 99 hours 59 minutes.
c) The desired holding time in hours and minutes from 0.00 to 99 hours 59 minutes at each plateau.

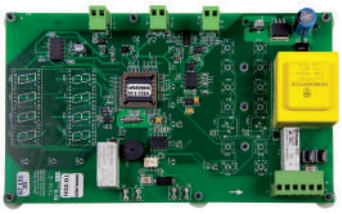
END OF TREATMENT WARNING BUZZER

– When the programme completes the treatment or A4, a modulated warning buzzer is set off for one minute. When the alarm buzzer sounds, press any key to acknowledge the alarm and continue the programme.
– If the power fails, the regulator stores all its data, and when the power returns it continues from the same point in the programme.
– Programmes and parameters are stored indefinitely when the power to the regulator is cut off.

Chassis completely made of stainless steel

Room for 3 clamps with three flasks each.

Ref. 080402
It is exactly the same as the **Ref. 080400** except for its size.
It can hold up to 18 flasks.



MICROPROCESSOR
- Time & temperature control.
- Buzzer to indicate end of program.
- Last program memory.
- Automatic disconnection.
- Triac for heating control.
- Thermocouple breakage indicator.
- Protection against voltage variations.
- Protection against electrical power cut.

ERGONOMICS: Double display. Graphic indicating the state of the machine

SPECIFICATIONS

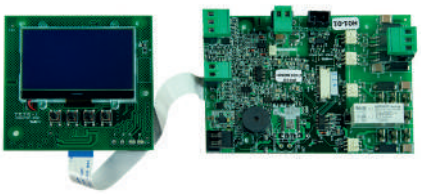
	M-9	M-18
Voltage	230 V - 50-60 Hz.	230 V - 50-60 Hz.
Power	1750 W	3000 W
Dimensions	(L) 480 x (W) 270 (with key) x (H) 470 mm (with knob)	(L) 500 x (W) 420 (with key) x (H) 510 mm (with knob)
INSIDE MEASURES	(L) 350 x (W) 180 x (H) 335 mm	(L) 400 x (W) 320 x (H) 350 mm
Weight.	15 kg	20 kg

C M-9	(L) 650 x (W) 330 x (H) 550 mm	18,000 kg
C M-18	(L) 740 x (W) 520 x (H) 680 mm	27,000 kg

MESTRA®

POLI *Magic-9* Polymerizer Ref. 080405
POLI *Magic-18* Polymerizer Ref. 080407

The POLI controls family has been developed as an economical alternative to the **MESTRA**'s standard electronic controls. Their performance and features meet perfectly the needs and expectations of most of the users, but at a very appealing price. And this is why they are particularly recommended for clients who have not very special operation requirements. Apart from the price, another advantage is their easy operation and programming. The POLI line is available for the **M9** and **M18** Polymerizers and for the **E2**. washeRef. polymerizer.



MICROPROCESSOR
- Time & temperature control.
- Buzzer to indicate end of program.
- 5 memories.
- Automatic disconnection.
- Triac for heating control.
- Thermocouple breakage indicator.
- Protection against voltage variations.
- Protection against electrical power cut.

FEATURES:
a) Delayed start time from 99 h. 59 min.
b) Time to reach and to maintain the temperature from 00.00 to 180 m.
c) Water temperature (max: boiling).
d) Buzzer and automatic disconnection.

Ref. 080405
Room for 3 clamps with three flasks each.

Ref. 080407
It is exactly the same as the **Ref. 080400** except for its size. It can hold up to 18 flasks.

^	Up
v	Down
P	Memory
⇄	Display change
⏻	Start-stop
🚿	Shower

POLI *Extreme* LP-E2 Ref. 080063
Washing and polymerizer machine

SPECIFICATIONS

	Magic-9	*Magic-18*	*Extreme* LP-E2
Voltage	230 V - 50-60 Hz.	230 V - 50-60 Hz.	230 V - 50-60 Hz.
Power	1750 W	3000 W	2200 + 400 W
Dimensions	(L) 480 x (W) 270 (with key) x (H) 470 mm (with knob)	(L) 500 x (W) 420 (with key) x (H) 510 mm (with knob)	(L) 635 x (W) 405 (with key) x (H) 450 mm (without knob)
INSIDE MEASURES	(L) 350 x (W) 180 x (H) 335 mm	(L) 400 x (W) 320 x (H) 350 mm	(L) 400 x (W) 320 x (H) 350 mm
Weight.	15 kg	20 kg	34 kg

Magic-9	(L) 650 x (W) 330 x (H) 550 mm	18,000 kg
Magic-18	(L) 740 x (W) 520 x (H) 680 mm	27,000 kg
LP-E2	(L) 740 x (W) 520 x (H) 680 mm	44,000 kg

Polymerizing machine

MESTRA®

Automatic polymerizing pot Autopol (6 l.) Ref. 030425

Polymerizing pot with high capacity tank (up to 6 litres), which allows to accommodate a considerable number of elements to polymerize. By means of an electronic control, temperatures can be regulated and maintained according to the times defined by the user.

Automatic polymerizing pot Autopol (8 l.)

Ref. 030430

Same characteristics of model **Ref. 030425**.
capacity 8 liters

Two safety valves.

Its time and temperature parameters are easily programmable by the user.

CERTIFICATE
py **TÜV Rheinland®**
Type certificate Nº
PED.BD.000011
Directive 2014/68/UE
(pressure equipment)

Tank of generous dimensions (6 - 8 L and diameter 210 mm).

SPECIFICATIONS	R-030425	R-030430
Max. pressure	2 bar	2 bar
Max. Temperature	100 °C	100 °C
Volume tank	6 litros	8 litros
Heating power	600 W	600 W
Height	350 mm	355 mm
Width	360 mm	360 mm
Depth	400 mm	400 mm
Weight	5,5 kg	5,7 kg

Ref. 030425-45
Accessory for regulation of pressure at 1.5 bars (Qdent)

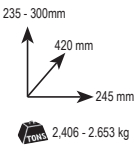
Pneumatic polymerizing pot (6 l.) Ref. 030420

Made of stainless steel. For cold and hot polymerizing at pressures up to 2 bars.
Double safety valve. Air intake valve with backflow preventer. Hose with automatic closing.
Maximum temperature 60 °C

Pneumatic polymerizing pot (8 l.) Ref. 030422

Same characteristics of model **Ref. 030420,** capacity 8 liters.

Double safety valve

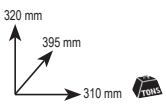


SPECIFICATIONS	
Diameter	245 mm
Made of	Stainless steel
Capacity	6-8 l.

(L) 275 x (W) 440 x (H) 260 mm | 3,440 kg

Poli-Plus (pressure polymerizer) Ref. 080460

Made of stainless steel. Tank of anodyzed aluminium with triple safety system when opening and closing the lid. Its automatic computerized control makes possible a time-controlled start-up, and controlling the rises and maintenance of the temperatures. When the working cycle finishes, there is a manual discharge and an automatic disconnection.



SPECIFICATIONS

Maximum operating temp.	135° C
Maximum operating pressure	6,5 bars
Tank capacity	135 ⇕ 115 mm
Power	1.000 W
Voltage	230 V 50/60 Hz

(L) 420 x (W) 600 x (H) 440 mm | 23,000 kg

Polymerizing machine

MESTRA®

Clamp *(for pressure-vessel)*

Ref. 030000

Made of hardened duralumin

Ref. 030000 →

175 mm

130 mm

INSIDE DIMENSIONS

3,000 kg

Pressure vessel

(for self-polymerizing resins)

Ref. 030010

OUTSIDE DIMENSIONES		INSIDE DIMENSIONS	
Height	165 mm	Height	115 mm
Diameter	123 mm	Diameter	103 mm

Weight 1,600 Kg.

Pneumatic container

(for casting rings) **Ref. 040210**

Essential for the elimination of micropores produced in casting rings linings by bubbles not eliminated even by vacuum mixers. Thanks to the strong pressure (6-8 atmospheres) exerted on the lining, air bubbles are eliminated and the lining is compacted. This favours casting, particularly of hard metals such as Cr-Ni - Cr-Co.

INSIDE DIMENSIONS

90 mm

110 mm

110 mm

2,000 kg

Curing light Ref. 100035

It is cheap but sturdy and reliable. It has an illuminated chamber with four fluorescent compact lamps (total light power 9 W x 4= 36 W) from 400 to 550 nanometers.
It has a wide interior tray to place up to four models to polymerise at the same time. Operational time is selected with a timer from 0 to 15 minutes. When the cycle finishes, the machine emits a warning acoustic signal.

SPECIFICATIONS

Height	115 mm
Width	215 mm
Depth	295 mm
Weight	2 kg
Voltage	230 V 50/60 Hz
Power	40 W
Nonometers	350/400

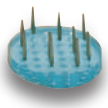
(L) 435 x (W) 270 x (H) 260 mm — 3,760 kg

Sun Beam curing light

Ref. 080550

This Curing Light is completely made of stainless steel.
It scans ultraviolet light among 280 and 550 nanometers, covering most wavelengths used in curing dental materials.
It is a general purpose machine, essential in dental clinics and laboratories. Its main features are: time electronic control with digital display; acoustic signal of end of cycle and an encoder type unique control programme; optimum access to the inside chamber of the machine by a door on the top; automatic warning of lamp change (each 500 working hours); revolving support so that light is better distributed (Ø 135 mm); panoramic view from porthole on the top of the machine; and security switch that switches off lights when the door is opened. Sun Beam curing light is supplied with a practical support for prosthesis (**MESTRA Ref. 080550-50**) and a bag with fixing pins.

Ref. 080550-50



SPECIFICATIONS

Range	280/550 nanometers
Voltage	230 V 50/60 Hz
Ø plate	135 mm
Time range	3/20 min.
6 Lamps	3 mod. 9 W/78 UVA y 3 mod. 9 W/71 UVA

(L) 520 x (W) 300 x (H) 360 mm — 7,500 kg

315 mm

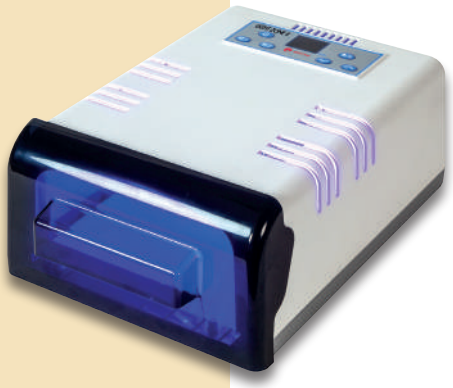
210 mm

233 mm

6,100 kg

Curing light Ref. 100037

LED lamp, valid for the vast majority of materials.



SPECIFICATIONS

Height	107 mm
Width	200 mm
Depth	285 mm
Weight	1,2 kg
Voltage	240 V 50/60 Hz
Power	65 W
Nonometers	320/500 Peak 405

Light curing plates - Pink *(box 50 u.)*

MESTRA curing plates for the fabrication of custom trays and bite plates for the production of wax mounts.
Its slight transparency allows to perceive marks on the model.

Thickness: 2.2 - 2.4 **Ref. 130320**
Thickness: 1.4 **Ref. 130322**

Megatray

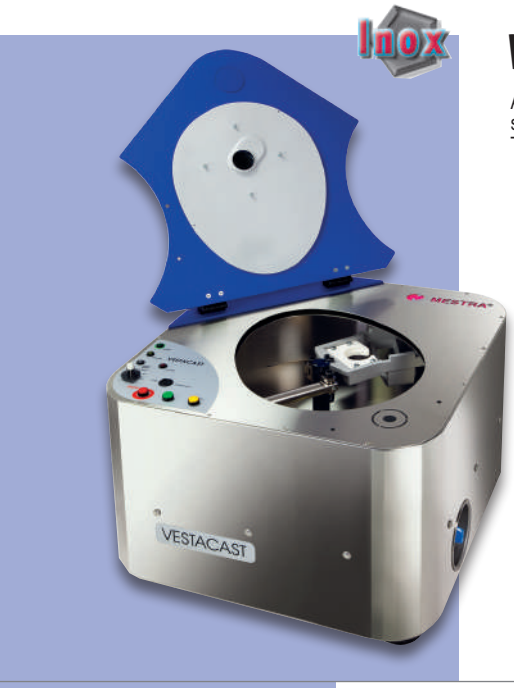
Light curing plates - Pink *(box 50 u.)*

Megatray curing plates for the fabrication of custom trays and bite plates for the production of wax mounts.
Its slight transparency allows to perceive marks on the model.

Thickness: 2.2 - 2.4 **Ref. 130330**
Thickness: 1.4 **Ref. 130334**

MESTRA®

Vestacast induction casting machine (stainless steel) Ref. 040061



A compact high-performance tabletop induction melting machine that is easy to operate. Despite being equipped with a sophisticated electronic control system, its operation has been simplified so it is as easy to use as a conventional centrifuge. The frame is 100% stainless steel. It is also quite powerful (2 600 w) and has manual power/temperature control, which enables it to melt metals up to 1750º C. In general, it can melt any dental alloy with the exception of titanium and its alloys.

The main advantages of Vestacast can be summarised as follows:

1) Excellent energy performance: high melting capacity with low energy consumption.
2) Uniform melting with very little loss of material. Considerable reduction in the finishing work when using the Vestacast.
3) Very compact. Easy to maintain and operate.

SPECIFICATIONS

Height	360 mm
Width	565 mm
Lengh	640 mm
Weight	55,500 kg
Voltage	230 V 50/60 Hz
Power	16 A (appr.)
Melting power	2,6 kW 100 kHz
Water supply	2 l. /Min. (aprox.)

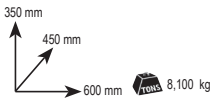
(L) 700 x (W) 670 x (H) 700 mm — 72,000 kg

Cabinet for Vetacast casting machine Ref. 040062

(L) 700 x (W) 700 x (H) 880 mm — 47,000 kg

Cooling circuit Ref. 040063

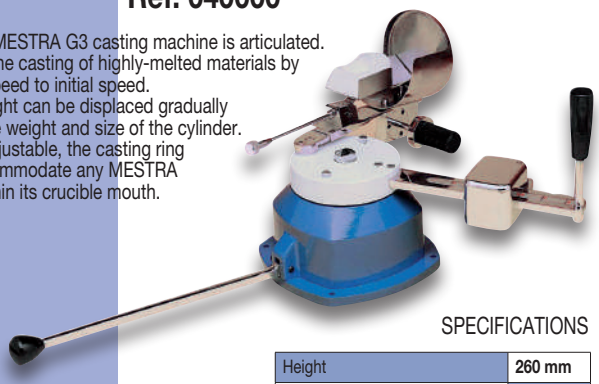
It is strongly recommended to cool the device through a direct connection to the water source. But in the case the device is installed in a room with no access to a water source, there is a closed cooling circuit available. The circuit, compact and small, is monitored automatically by the machine itself.



(L) 740 x (W) 680 x (H) 520 mm — 16,100 kg

Mestra G3 casting machine Ref. 040000

The arm of the MESTRA G3 casting machine is articulated. This facilitates the casting of highly-melted materials by adding rotary speed to initial speed. The counterweight can be displaced gradually according to the weight and size of the cylinder. Being height-adjustable, the casting ring holder can accommodate any MESTRA casting ring within its crucible mouth.



Not available for: EU

SPECIFICATIONS

Height	260 mm
Width	205 mm
Depth	530 mm
Weight	13,000 kg
Diameter of rotation circle	540 mm

(L) 520 x (W) 300 x (H) 360 mm — 14,000 kg

SM-2 Cen motor casting machine (stainless steel) Ref. 040064

The SM-2 CEN-MOTOR is a new generation unit based on the existing SM-1. It features a robust, compact, high-rigidity chassis with a "floating cabin" system which substantially reduces vibration during the operation. The electronic control uses a microprocessor to regulate the starting motor torque and the casting time simply and accurately. The main features of the arm are its extraordinary lightness, its automatic return system to prevent losses on unexpected start-ups, and its capability to handle casting rings of up to 100 mm in diameter.

When the machine is working, the cabin door is blocked by a safety lock to prevent accidents.

SPECIFICATIONS

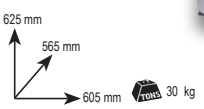
Height	330 mm
Width	600 mm
Depth	560 mm
Weight	40,000 kg
Voltage	230 V 50/60 Hz
Monophasic motor Rated power	370 W

(L) 700 x (W) 700 x (H) 540 mm — 51,000 kg

Cabinet for casting machine Ref. 040065

Inox

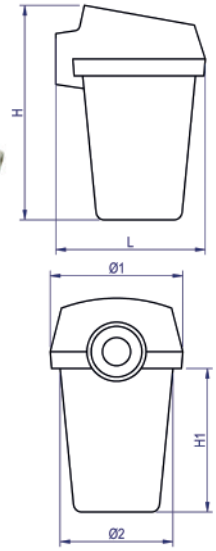
Completely made in stainless steel with three 20 cm separated shelves.



(L) 700 x (W) 700 x (H) 880 mm — 45,000 kg

Silicon Oxide Crucibles

MESTRA®

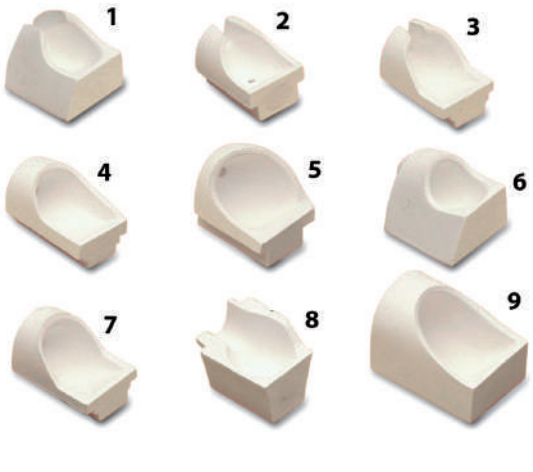


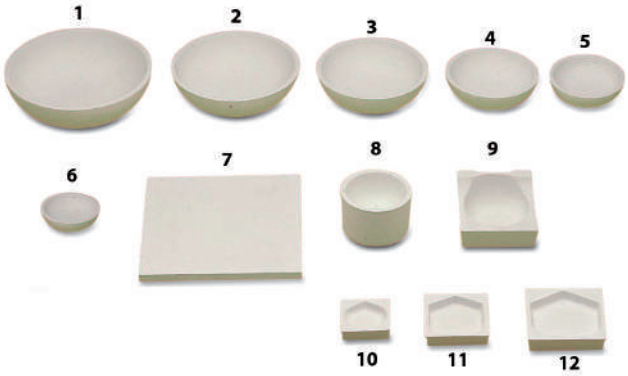
All these crucibles are also made with double layer as shown in figure 3.

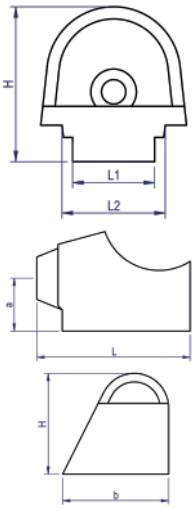
N.	Ref.	Model Type	H	H1	L	Ø1	Ø2	gr approx.	Double layer	gr approx.
1	040548	LINN DKV2	70	-	63	38	38	75	040568	91
2	040550	LINN DK2	76	55	51	46	43	85	040570	80
3	040552	DENTAURUM	84	57	52	46	42	86	040572	102
4	040554	BEGO FORNAX	79	54	50	47	41	125	040574	140
5	040556	MANFREDI C 35	77	53	61	59	50	160	040576	176
6	040558	GALLONI	65	45	46	42	35	79	040578	95
6 A	040559	GALLONI II	64	42	45	42	34	66	040579	82
7	040560	MANFREDI C 15	69	45	47	47	37	75	040580	91
8	040561	DUCATRON	77	49	48	46	38	98	040581	114
9	040564	ERCEMS	68	45	50	50	43	79	040584	95
10	040566	HOWMEDICA	66	45	56	51	45	82	040586	98
11	040562	DUCATRON SR. 3	76	51	53	47	40	87	040582	103
12	040563	DUCATRON SR. 3 LENGTH PEAK	76	51	63	47	40	104	040583	150
13	040565	NAUTILUS	81	51	-	47	41	104		
14	040525 040526 = A 040527 = B	DUCATRON FOR CAP GRAPHITE CAP CARBON CAP	74	47	53	46	38	91	For gold	
15	040587	KRUP	70	44	61	43	35		040587	73

Crucible in 10 unit packs (reduced price)

(L) 255 x (W) 130 x (H) 85 mm | 1,350 kg aprox.







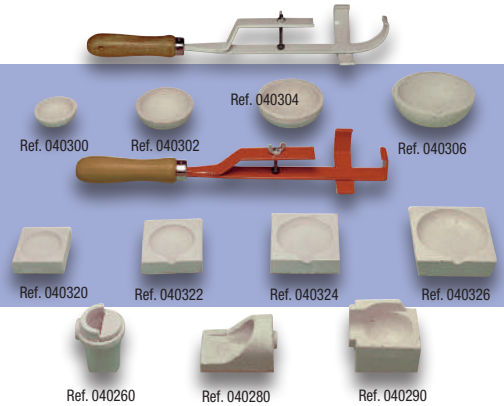
N.	Ref.	Model Type	H	L	L1	L2	a	b	gr approx.
1	040530	OPEN DEGUSSA	47	72	-	-	25	50	172
2	040532	KERR E	46	69	33	-	27,5	-	120
3	040534	OPEN KERR	48	74	29	36	20	-	110
4	040536	KERR LENGTH	52	80	29	36	20	-	123
5	040538	MANFREDI	65	67	36	-	38	-	163
6	040540	DEGUSSA	47	72	-	-	28	50	166
7	040542	KERR	51	73	29	34	23	-	127
8	040544	KRUPP	50	65	31	43	36	-	135
9	040546	CREUSETS	60	92	-	-	30	58	257

Crucible in 10 unit packs (reduced price)

N.	Ref.	Model	Ø	H	a	b	gr approx.
1	040588	R160	160	44	-	-	485
2	040590	R140	140	43	-	-	367
3	040592	R120	120	42	-	-	288
4	040594	R100	100	24	-	-	163
5	040596	R80	80	21	-	-	101
6	040598	R60	60	15	-	-	59
7	040600	170	-	10	170	170	512
8	040602	R5	66	33	-	-	227
9	040604	C90	-	20	68	70	191
10	040606	C45	-	8	42	40	39
11	040608	C56	-	9	55	56	64
12	040610	C85	-	9	70	69	122

(L) 255 x (W) 130 x (H) 85 mm | 1,350 kg aprox.

Crucibles and crucible holders



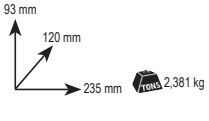
Accessories

Turntable *(for welding)*

Ref. 040500

Rectangular refractory ceramic plate

DIMENSIONS



MESTRA®

Pre-heating furnaces

HP25 Ref. 080142
HP50 Ref. 080144
HP100 Ref. 080148

Inox

Extremely high performance pre-heating furnace family, composed of three models with different muffle capacity (2.5, 5 and 10 litres).

Made of stainless steel, the most convenient material for the extraordinary thermic requirements this kind of devices has to bear. The high quality of the muffle ensures an exceptionally long working life, even when continuously working at temperatures near 1100 °C.

When the thermocouple fails, the electronic control will announce it. This element is very economical and easy to replace by the user himself. On the other hand, the electronic control allows the programming of cycles composed of multiple parameters; you can define ramps and plateaus with temperatures, maintenance times, heating in a determined time or in degrees per minute. The memory can store up to twenty different programmes. The furnace is factory supplied with a ceramic tray.

Pre-heating furnaces *Vulcano*

HP25 Ref. 080133
HP50 Ref. 080135
HP100 Ref. 080139

NEW

Inox

The Vulcano family of furnaces has been developed as an economical alternative to MESTRA's standard ovens. The only difference between a Vulcano oven and its equivalent in the standard range is in the electronic control, keeping the rest of the components and functions. Its LCD screen provides all the information necessary for programming and job monitoring.

The Vulcano benefits and characteristics perfectly fit the needs and expectations of most users at a very attractive price. The Vulcano line is available for all sizes of MESTRA furnaces.

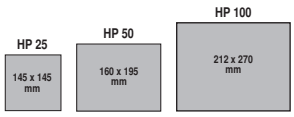
Model	HP25	HP50	HP100
Height	465 mm	500 mm	525 mm
Width	335 mm	375 mm	440 mm
Depth	340 mm	405 mm	490 mm
Weight	30 kg	40 kg	57 kg
Voltage	230 V	230 V	230 V
Furnace power	1500 W	2000 W	3000 W
Maximum temperature	1100°C	1100°C	1100°C
Cylinder capacity 80 Ø mm	2-3	4-6	8-12
(L) 700 x (W) 540 x (H) 730 mm	38 kg	49 kg	67 kg

Dimensions of the muffles

100 - 117 - 149 mm
160 - 180 - 234 mm
165 - 227 - 305 mm

Capacity in litres: 2.7 - 4.8 - 10.6
Vent hose: Ø 38 mm

Furnace internal tray:



50D Pre-heating furnace

Ref. 080130

Inox

It is perfect for those works that do not require a classical programming cycle of ramps and plateaus.

Just select the set point temperature, and the furnace will start heating directly until this temperature is reached. Then, this temperature will be kept for a time programmed by the user.

Its digital controls ensure an amazing temperature accuracy and prevent the effects of thermal inertia. Besides, it features a connection for an external catalytic converter, and this element will operate from the beginning of the cycle up to the stopping temperature programmed by the user.

Tank capacity: 4.8 litres
(4 to 6 Ø 80 casting rings)

Height	440 mm
Width	375 mm
Depth	405 mm
Weight	38 kg
Furnace power	2000 W
Max. temperature	1100 °C
(L) 700 x (W) 540 x (H) 730 mm	42 kg

Dimensions of the muffles

117 mm
227 mm
180 mm

Capacity in litres: 4.8
Vent hose: Ø 38 mm

Smoke extractor

for furnaces **Ref. 080125**

Inox

With this device, you will succeed in getting rid of furnace gases generated in the muffle in a continuous and smooth way. It is made in stainless steel. If it is connected to the HP 25, 50, 100, Furnace socket, the extractor runs with programmed disconnection between 75°C and 850°C.

Height	350 mm
Width	120 mm
Depth	155 mm
Weight	3 kg
Ø hose	38.5 mm
(L) 430 x (W) 270 x (H) 270 mm	5 kg

Smoke catalytic converter

for furnaces **Ref. 080124**

Inox

Simple device attached to the smoke vent of any pre-heat furnace to remove gases and combustion residues that are generated in the furnace as a result of the combustion of waxes and other materials.

Height	380 mm
Width	185 mm
Weight	5.3 kg
Power	600 W
Fuse	4 A
(L) 520 x (W) 300 x (H) 360 mm	6 kg

Furnace for ceramics Ref. 100249

● Vacuum pump included

Renewed version of the well-known **MESTRA** porcelain oven. Fully automatic, compatible with the different types of porcelain in the market. It includes a high-vacuum pump. It features a wide display with complete information about the process given by the programme. It can store multiple programmes and modify parameters such as temperature and drying time, heating speed, maximum temperature, maintenance and cooling time, vacuum times and levels, etc.
All these parameters allow defining the ideal cycle for each material and obtaining a perfect result. The temperature can be calibrated in order to improve the accuracy. The furnace has different alarms to warn about any anomaly (breakage of thermocouple or resistor, failure in the vacuum-system, etc.)

The furnace is factory supplied with the following accessories:
- 1 vacuum pump
- 1 heating platform
- 1 calibration kit
- 1 tray

SPECIFICATIONS

Height	426 mm
Width	320 mm
PDepth	392 mm
Weight	24 kg
Maximum temperature	1200 ºC
Maximum vacuum	–97 KPa
Number of programmes	200
Voltage	AC 220 V. +-10 % 50 Hz. 15 A
Consumption	≤1.5 kW +-10 %

(L) 700 x (W) 540 x (H) 1000 mm | 34,000 kg

Casting ring cleaner/Wax remover

Ref. 080068

6 Casting rings 3x

Practical device designed to remove the wax from the casting rings before inserting them into the pre-heating furnace. This simple and quick operation prevents the fumes and bad odours produced by the wax when burning inside the furnace. Its operation is simple: just fill the tank with water up to the tray and place the casting rings inside. A powerful resistor will heat the water up in a few minutes until the wax is melted by the action of the steam. The working temperature can be regulated at will by means of a thermostat. Besides, the machine can be used for other operations that require a tank full of warm water at a given temperature, for instance thermal-polymerization of small elements. The machine is made completely of stainless steel, material which ensures a quick cleaning and a superb resistance to corrosion.
A basket for the casting rings and a stainless steel lid are included.

Inox

¡Safe wax!
Wax is recovered thanks to the lower tray, so it can be reused.

SPECIFICATIONS

Height	245 mm
Width	400 mm
Depth	230 mm
Weight	5 kg
Voltage	230 V, 50/60 Hz
Power	750 W

(L) 520 x (W) 300 x (H) 360 mm | 6,000 kg

Microwave oven for zirconium Ref. 080114

Microwave sintering furnace for zirconium prostheses.

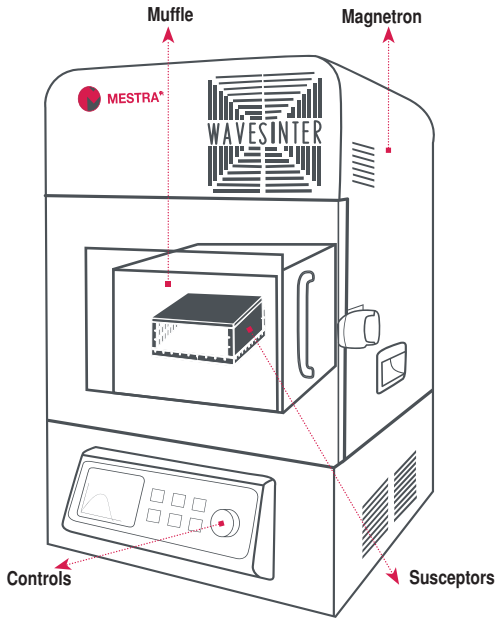
Advantages:

- Minimum total sintering time of only 4 hours.
- The temperature is reached more uniformly, resulting in a stronger sintered structure.
- Maintenance savings (less power, fewer components, without the fragile and expensive resistances of molybdenum silicate).
- Very low consumption (800/1100 W).
- Allows several production cycles on the same day.
- Very easy to operate.
- Much smaller than conventional ovens.
- The housing practically does not get hot.

The oven is supplied with all necessary accessories for immediate start-up.

ADVANTAGES OF MICROWAVE SINTERING

- BREAKAGES ARE AVOIDED
- TIME SAVING
- ENERGY SAVING
- SAVINGS ON MAINTENANCE
- RETRENCH OF SPACE
- INTUITIVE OPERATION
- GREATER PRODUCTION CAPACITY
- QUALITY IMPROVEMENT

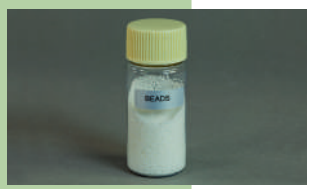


SPECIFICATIONS

Height	547 mm
Width	440 mm
Depth	385 mm
Weight	31 kg
Voltage	AC 230 V, 50 Hz
Power	2000 W
Max. temp.	1550 °C

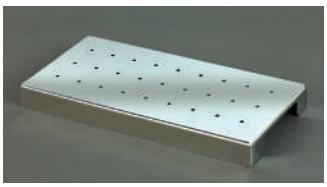
Consumables and accessories

080114-07 Tray



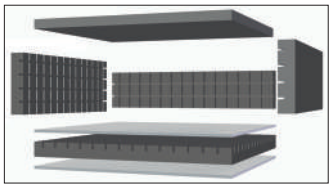
080114-09 Beads (100 g)

080114-10 Tray tool



080114-11 Tray support

080114-12 Temperature sensor



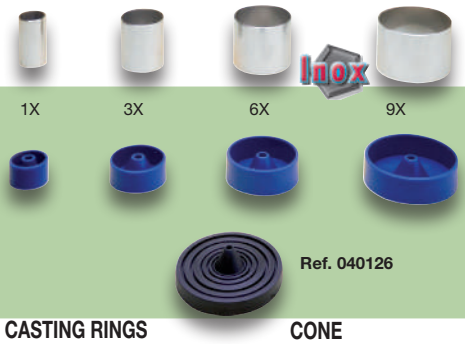
080114-13 Kit susceptors + plates

Casting rings and cones

CASTING RINGS

Ref. 040110 = Ø 30 x 60 mm 1X
Ref. 040111 = Ø 40 x 60 mm
Ref. 040112 = Ø 50 x 60 mm 3X
Ref. 040113 = Ø 60 x 60 mm 6X
Ref. 040114 = Ø 70 x 60 mm
Ref. 040115 = Ø 80 x 60 mm 9X
Ref. 040116 = Ø 30 x 45 mm
Ref. 040117 = Ø 40 x 45 mm

Casting rings and cones



CASTING RINGS

Ref. 040118 = Ø 27 x 55 mm (1X)
Ref. 040119 = Ø 45 x 55 mm (3X)
Ref. 040120 = Ø 62 x 55 mm (6X)
Ref. 040121 = Ø 77 x 55 mm (9X)

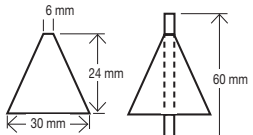
CONE

Ref. 040122 = (1X)
Ref. 040123 = (3X)
Ref. 040124 = (6X)
Ref. 040125 = (9X)

Plastic casting rings

Polyethylene cones

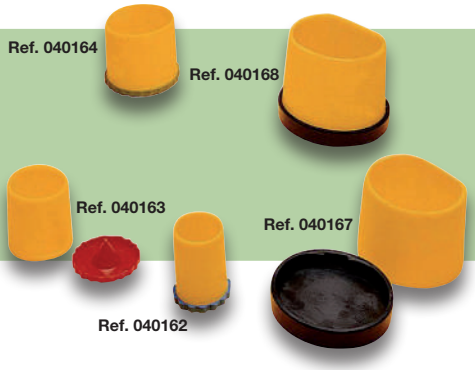
Injected polythethylene cones for the duplication tecnique in removable chrome cobalt prostheses.Waste-free calcination.



100 units cones only
Ref. 040208

10 units cones with runner in a stainless steel tube:
Ref. 040207

Silicone casting rings



Silicone casting rings

(oval)

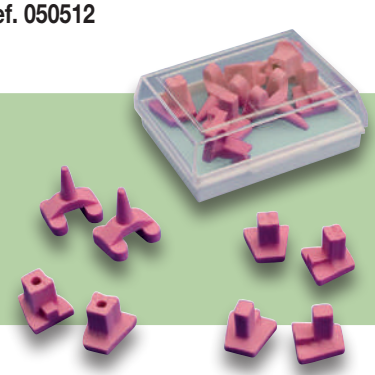
Oval casting ring adapter

(for casting machine) 2 unit set

Ref. 040169

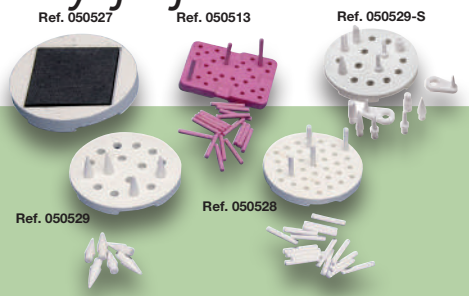
Firing pegs

Ref. 050512



Ref. 050512	(L) 58 x (W) 45 x (H) 20 mm	0,030 kg

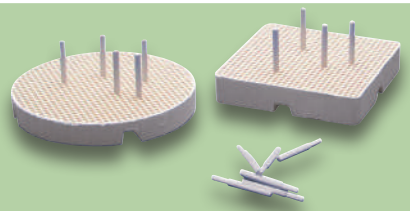
Trays for furnace



Ref. 050527	Carbon	Ø 67 x 12 mm □45 x 45 mm	0,063 kg
Ref. 050529	Conic pin	Ø 67 x 10 mm	0,043 kg
Ref. 050528	Round pin	Ø 67 x 12 mm	0,046 kg
Ref. 050513	Rose	59 x 17 x 6 mm	0,039 kg
Ref. 050529-S	Assorted pin	Ø 68 x 10 mm	0,060 kg

Set of ceramic firing trays

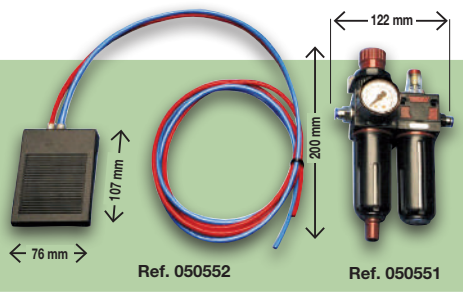
Ref. 050530



(L) 154 x (W) 102 x (H) 34 mm	0,181 kg

Filter regulator

Ref. 050551

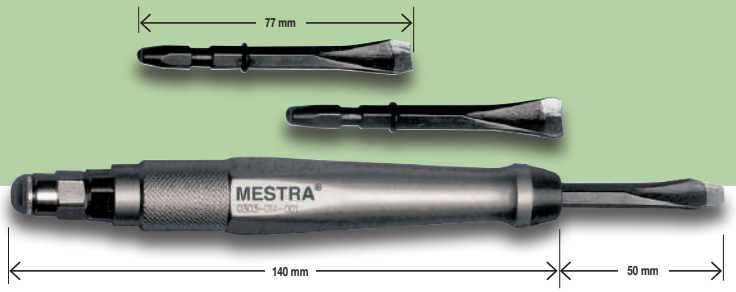


Pneumatic chisel starting pedal

Ref. 050552

Pneumatic chisel Ref. 050550

Essential tool for a quick cleaning off of models. It has air flow regulation; ergonomic shape; made in corrosion-free materials; small size. It has been designed to reduce vibrations and sound level to a minimum level. Three chisel heads with different sizes and shapes are included. There is also a Filter Regulator and Oiler Attachment Kit and a Starting Pedal. The air connection hose is Ø 6 mm.



Vacuum forming machine Ref. 080542

It is cheap, easy to use and has an attractive design. It has a powerful aspiration motor with automatic connection when the sheet holder goes down. The carbon heater allows a progressive and uniform heating of the material that is going to be formed. It can be used with square sheets. The machine is supplied with a plane model holder and with a basket that can be filled with grit (a can is included with the machine) so forming depth is reduced.

Sheets ⍁ from 120 to 131 mm
Sheets Ø from 125 to 134 mm

(L) 300 x (W) 270 x (H) 430 mm	6 kg

Height	310 mm
Width	275 mm
Depth	260 mm
Weight	4.6 kg
Power	925 W

Thermoforming sheets

Standard square thermoforming sheets of 127 x 127 mm.

Made of high quality plastic with FDA approval and CE marking certifications.

There is no soot, nor fumes during the heating. As they do not contain recycled materials, they do not tear while subjected to vacuum.

They are available in a wide range of thickness and types.

Ref.	Type	Thickness	Amount	Weight	(L) x (W) x (H) mm
080563	Hard	0.5 mm	50	0.6 kg	131 x 131 x 44 mm
080564	Hard	0.75 mm	25	0.4 kg	131 x 131 x 34 mm
080565	Hard	1 mm	25	0.6 kg	131 x 131 x 34 mm
080566	Hard	1.5 mm	25	0.9 kg	131 x 131 x 44 mm
080567	Hard	2 mm	12	0.5 kg	131 x 131 x 34 mm
080568	Soft	0.5 mm	25	0.2 kg	131 x 131 x 15 mm
080569	Soft	1 mm	12	0.2 kg	131 x 131 x 15 mm
080570	Soft	1.5 mm	12	0.3 kg	131 x 131 x 34 mm
080571	Soft	2 mm	12	0.4 kg	131 x 131 x 34 mm
080572	Bruxism	3 mm	8	0.4 kg	131 x 131 x 34 mm
080573	Sports	4 mm	6	0.4 kg	131 x 131 x 34 mm

Pressure former PlastPress

Ref. 080544

The most compact positive pressure machine on the market. Greater accuracy in the forming process and lower noise compared to vacuum machines.

Practical and versatile, it accepts round and square sheets up to 6 mm thickness. It must be connected directly to a compressor (between 3 and 8 bar).

Height	270 mm
Width	235 mm
Depth	265 mm
Weight	7.5 kg
Power	450 W

Sheets ⍁ from 120 to 131 mm
Sheets Ø from 125 to 134 mm

(L) 310 x (W) 270 x (H) 310 mm	8.5 kg

Thermoforming sheets

Standard square and round thermoforming sheets. Made of high quality plastic with CE marking certification as medical device. There is no soot, nor fumes during the heating. As they do not contain recycled materials, they do not tear while subjected to vacuum. They are available in a wide range of thickness and types. Sold in metallic packaging with vacuum closure.

Ref.	Type	Hardness	Appearance	Size	Thickness	Qty.
080574	Crystal	Hard	Transparent	126x126 mm	0.3 mm	10
080575	Crystal	Hard	Transparent	126x126 mm	0.75 mm	5
080576	Crystal	Hard	Transparent	126x126 mm	1.0 mm	5
080577	Crystal	Hard	Transparent	126x126 mm	1.5 mm	5
080578	Crystal	Hard	Transparent	126x126 mm	2.0 mm	5
080579	Milky	Hard	Translucent	126x126 mm	0.6 mm	10
080580	Soft	Soft	Translucent	131x131 mm	1.0 mm	10
080581	Soft	Soft	Translucent	131x131 mm	1.5 mm	10
080582	Soft	Soft	Translucent	131x131 mm	2.0 mm	10
080583	Soft	Soft	Translucent	131x131 mm	3.0 mm	5
080584	Soft	Soft	Translucent	131x131 mm	4.0 mm	5
080574R	Crystal	Hard	Transparent	Ø125 mm	0.3 mm	10
080575R	Crystal	Hard	Transparent	Ø125 mm	0.75 mm	5
080576R	Crystal	Hard	Transparent	Ø125 mm	1.0 mm	5
080577R	Crystal	Hard	Transparent	Ø125 mm	1.5 mm	5
080578R	Crystal	Hard	Transparent	Ø125 mm	2.0 mm	5
080579R	Milky	Hard	Translucent	Ø125 mm	0.6 mm	10
080580R	Soft	Soft	Translucent	Ø125 mm	1.0 mm	10
080581R	Soft	Soft	Translucent	Ø125 mm	1.5 mm	10
080582R	Soft	Soft	Translucent	Ø125 mm	2.0 mm	10
080583R	Soft	Soft	Translucent	Ø125 mm	3.0 mm	5
080584R	Soft	Soft	Translucent	Ø125 mm	4.0 mm	5

Pressure former
Ref. 080543

The strong pressurization allows precise molding, regardless of the cut of the model, as well as various thicknesses (0.5 to 4.0 mm).

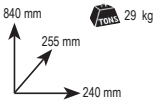
Square and round sheets (127, 125, 120 mm) can be used.

Height	545 mm
Width	410 mm
Depth	260 mm
Weight	15 kg
Power	450 W
Pressure	4-6 bar

Dental polyamide injector
Ref. 080560

Dental polyamide injecting machine of compact design. It can inject 7/8" (22.5 mm) cartridges, but there is a version that injects 1" cartridges, available upon request. The electronic controls allow operating in automatic and manual modes, and thoroughly adjust the injection temperature, so achieving perfect results. It features a pneumatic system to cool down the piston in order to shorten the cycles. The thorough adjustment between piston and casing prevents seizing up in case of breaking the cartridge. The **MESTRA** polyamide injector can be used in different positions (hanging on the wall, lying standing on the table), taking minimum space. Factory supplied with two aluminium flasks and a demolding spray.

Supplied with two flasks **Ref. 020210**



Power	1100 W
Pressure	6/8 bars

(L) 950 x (W) 600 x (H) 500 mm — 43 kg

Inox

Aneto II gel mixer
Ref. 080512

Attractive and reliable gel mixer featuring state-of the-art technology: tank heating by lateral and bottom resistors, which prevents gel from burning due to too high temperatures; belt driven system which allows an extremely smooth and silent operation; oxide free casing, made of stainless steel and polyurethane; high capacity (7 litre tank); state of the art electronic controls allowing multiple adjustments…
A complete machine designed to work without problems for many years.

NEW

Height	465 mm	Voltage	230 V 50-60 Hz
Width	330 mm	Power	650 W
Depth	385 mm	Speed	100 rpm
Weight	14 kg	Capacity	7 l

(L) 510 x (W) 480 x (H) 660 mm — 18 kg

Inox

Gel Bat 6 gel mixer
Ref. 080510

The MESTRA gelatine mixer is made of stainless steel. The control microprocessor offers the user a wide range of options, such as pre-programming gelatine temperature for a given time.

Also we can change from pouring temperature C1 (75°C - 95°C) to maintenance temperature C2 (35°C - 65°C), or viceversa, simply by pressing the button. The torque of the motor is high, so it can be easily started even if the tank is full (the gelatine cut into pieces).

It has all safety features required by the CE mark, including:

- Motor thermal relay
- Overheating probe
- Door micro
- Main fuse

Height	500 mm	Voltage	230 V 50-60 Hz
Width	320 mm	Power	700 W
Depth	320 mm	Speed	70 rpm (50 Hz) - 84 rpm (60 Hz)
Weight	15 kg	Capacidad	6 l

(L) 600 x (W) 420 x (H) 440 mm — 18 kg

Drying oven Ref. 080118
for thermoforming sheets

A fan circulates the hot air producing an uniform drying.

- Draws out moisture and keeps dry thermoforming sheets, to avoid the formation of pores.
- Instrument drying.
- Drying of plaster models, etc.
- 6 stainless steel trays.
- Stainless steel housing.
- 24 hour timer.

Height	310 mm
Width	340 mm
Depth	450 mm
Weight	8.3 kg
Power	550-650 W
Temperatura	35-75ºC

Spot welding machine
Ref. 100127

Its small size means it can installed anywhere. It has a full set of exchangeable electrodes, making it easy to find the best way to adapt to the job in question. The machine is controlled electronically, which practically eliminates sparks between electrodes on machines without a control system of this type. Power can be selected from among 30 different levels to adapt to the thickness of the material to be welded. The machine is supplied with an accessory for the heating up of wire arcs, and two lexible cables to perform manual welds.

Height	160 mm
Width	220 mm
Depth	335 mm
Weight	5.5 kg
Power	600 W
Earthing plug	

(L) 470 x (W) 300 x (H) 160 mm — 7.5 kg

MESTRA®

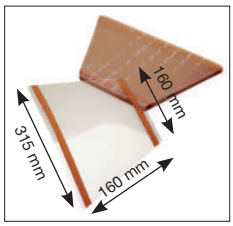
Planetarium Plus IV Sandblaster

(with heater) **Ref. 080246**

High quality sandblasting machine. It has four tanks, each one with an independent pressure gauge and pressure control system, which provides great accuracy in fine blasting. A heating system located in each of the tanks keeps the sand free of humidity, thus preventing the appearance of lumps in the nozzles. The working cabinet has been carefully designed to achieve a comfortable and ergonomic working position. The interior is lit with a fluorescent lamp and does not have shadow zones. The machine is supplied with tungsten carbide nozzles of 0.75 mm, 1 mm. and 1.25 mm.; a control pedal; and in an interior air jet, which is very useful for cleaning the inside of the cabin.

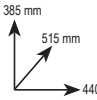
- Ø 1,25 mm
- Ø 1 mm +
- Ø 1 mm
- Ø 0,75 mm

Heating element



Ref. 080242-50

Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.



Operating pressure	2 a 6 bars
Max. air Consumption	80 l /min
Voltage	230 V 50-60 Hz
Consumption	115 W

(L) 740 x (W) 520 x (H) 550 mm — 32,000 kg

Galaxy Sandblaster

Ref. 080235

Inox

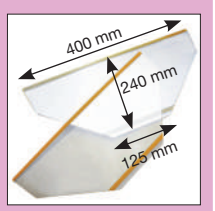
Sandblaster totally made in stainless steel. It has a removing spinning basket for the automatic skeletons blasting, and a 3 mm. diameter static nozzle.

In the automatic performance mode, the basket spins and the nozzle blows for a time —set by the user— between one up to 30 minutes.

Also it is possible to blast in a mode just pressing a button.

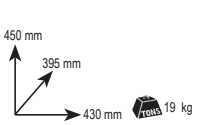
The sand tank is ove dimensioned to load a big quantity of sand, enlarging this way the automatic cycle time.

The wide window allows a great vision of the cabinet inside. The glass is protected against abrasion by a plastic coat. The machine is supplied with a Boron Carbide nozzle (C4B) a material with more much abrasion resistance than the traditional tungsten; and with two plastic foils to protect the glass.



Ref. 080235-50

Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion.
Packs of 10 units.



Operating pressure	2 a 5 bars
Maximum air consumption	90 l. /min. a 5 b.
Voltage	230 V 50-60 Hz
Consumption	15 W

(L) 700 x (W) 540 x (H) 730 mm — 28,000 kg

Cosmos Sandblaster

Ref. 080233

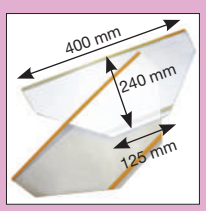
Inox

Based on the popular MESTRA's Galaxy model, the COSMOS sandblaster includes two micro-blasting nozzles similar to those used in the Constellation model, becoming a unique and powerful device with a Ø 3 mm fixed nozzle and micro-blasting tools. You save the space and money required to buy two different devices separately.

It is completely made of stainless steel. Factory supplied with a Ø 3 mm boron carbide fixed nozzle, two tank/nozzle sets and a set of glass-protection covers **(Ref. 080235-50)**.

Ergonomic pedal and blowing nozzle.

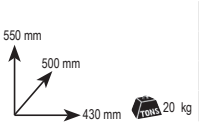
- Sand tanks included
- Boron carbyde NOZZLES of 3 mm.
- Mobile guns with 1 and 1,25 mm. NOZZLES



Ref. 080235-50

Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion.
Packs of 10 units.

- Ø 1,25 mm
- Ø 1 mm



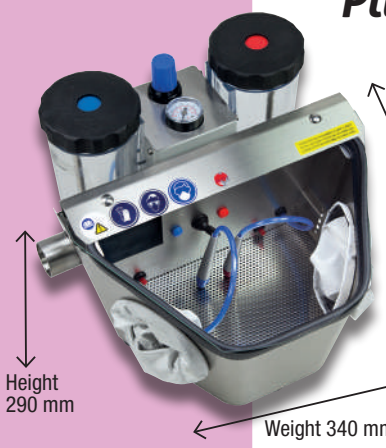
Operating pressure	2 a 5 bars
Maximum air consumption	90 l. /min. a 5 b.
Voltage	230 V 50-60 Hz
Consumption	10 W

(L) 700 x (W) 540 x (H) 730 mm — 28,500 kg

MESTRA®

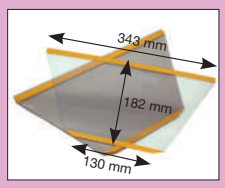
Plutón Sandblaster *stainless steel*

2 Tanks **Ref. 080253**

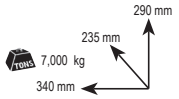


- 2 Mobile guns
- 1 Pedal
- LED lamps

Inox



Ref. 080253-50
Easy to place self-adhesive Protective Cover. Packs of 10 units.

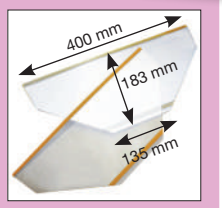


Operating pressure	2 a 5 bars
Maximum air consumption	80 l. /min.
Voltage	230 V 50-60 Hz
Consumption	20 W

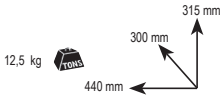
(L) 490 x (W) 475 x (H) 490 mm — 9,500 kg

Constellation Practic Sandblaster *epoxy paint*

2 Tanks **Ref. 080259**



Ref. 080262-50
Easy to place self-adhesive Protective Cover. Packs of 10 units.

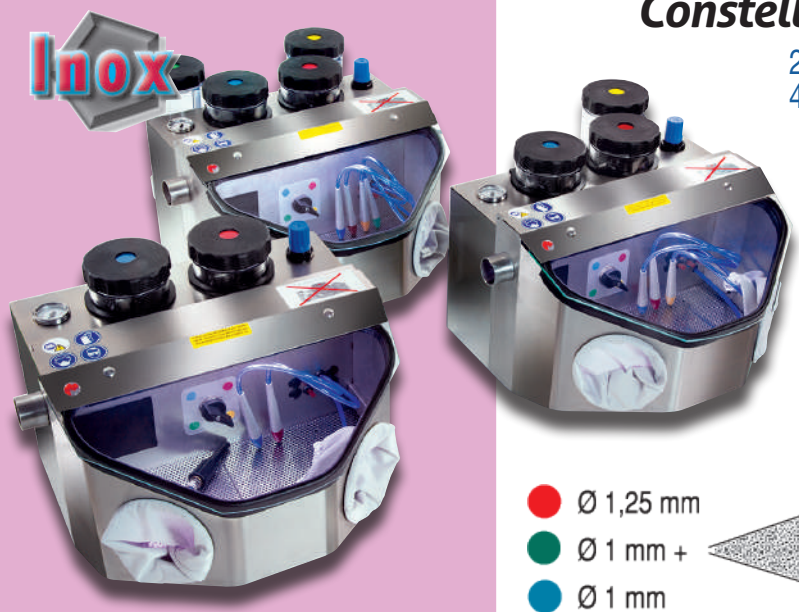


Operating pressure	2 a 5 bars
Maximum air consumption	80 l. /min.
Voltage	230 V 50-60 Hz
Consumption	20 W

(L) 700 x (W) 540 x (H) 730 mm — 20,000 kg

Constellation Sandblaster *stainless steel*

2 Tanks **Ref. 080262** 3 Tanks **Ref. 080263**
4 Tanks **Ref. 080264**



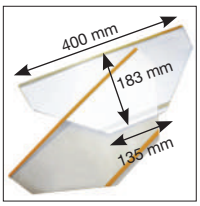
The Constellation family comprises a range of modular sandblasters that are able to adapt to the needs of most professionals. Their models have 2, 3 and 4 sand tanks so this machine is a very versatile tool in the dental lab.
The main features of the "Constellation" Sandblasters are the following:

- **Stainless Steel Chassis AISI 304** with a broad glass window.
- Blowing gun inside the cabinet, very useful when cleaning.
- Lighting system with fluorescent lamp.
- Modular system, so it can be extended in the future.
- Tank changing valve inside the cabinet.
- Relief valve that stops air flow when the pedal is released, so sand is saved.
- Ergonomic pedal connected to the machine by flexible tube.

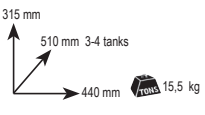
- Ø 1,25 mm
- Ø 1 mm +
- Ø 1 mm
- Ø 0,75 mm

Constellation Sandblaster *epoxy paint*

2 Tanks **Ref. 200262** 3 Tanks **Ref. 200263**
4 Tanks **Ref. 200264**



Ref. 080262-50
Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion.
Packs of 10 units.



Operating pressure	2 a 5 bars
Maximum air consumption	80 l. /min.
Voltage	230 V 50-60 Hz
Consumption	20 W

(L) 700 x (W) 540 x (H) 730 mm — 23,000 kg

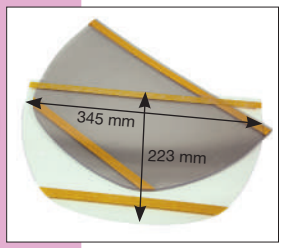
Eclipse II Sandblaster Ref. 080220

Cabin entirely made of ABS of reduced dimensions maintaining the amplitude in the work area and with a substantial improvement in lighting. They have two mobile micro-blasting nozzles and, in the hopper version, a large sand tank and a 3 mm static gun.

The pneumatic components employed by the Eclipse sandblaster family have been chosen from the high-end industrial range. This guarantees a long, problem-free life, as long as all recommended maintenance procedures are carried out.
To work comfortably, it's essential to have optimal visibility. The Eclipse sandblasters offer complete vision through a large window. Almost 80% of the upper cover of the cabin is glass. The position of your hands and back is also very comfortable when it comes to choosing a good viewing angle.

Eclipse II-T Sandblaster Ref. 080228

Same characteristics as **Eclipse II**, and with a large sand hopper and a 3 mm static gun.



Ref. 080220-12

Easy to place self-adhesive Protective Cover.
It prevents glass from wearing out due to sand abrasion.
Packs of 10 units.

Ref.	080220	080228
Height	330 mm	490 mm
Width	360 mm	360 mm
Depth	450 mm	450 mm
Weight	5,7 kg	7,7 kg
Maximum air consumption	80 l/min	100 l/min
Operating pressure	2 a 5 bar	2 a 5 bar
LED inside light		

Eclipse Automatic Sandblaster Ref. 080218

Made entirely of technical plastic, a highly resistant material, easy to clean and without oxidation. It allows to place it in any corner of the laboratory.

The basket can be easily uncoupled from the drive shaft, which simplifies the preparation of the works.

The skeletons are deposited in a basket that rotates by the action of a motor.

Hopper capacity up to **8 kg** of sand.

The blowing nozzle is adjustable in the three dimensions of space.

Height	430 mm
Width	320 mm
Deoth	310 mm
Weight	5.5 kg
Maximum air consumption	90 l/min.
Operating pressure	2 a 5 bar.
LED inside light	

MESTRA®

Terra Sandblaster

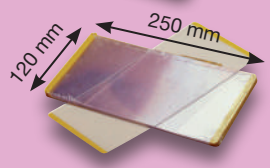
Terra I Ref. 080292
Terra II Ref. 080294
Terra III Ref. 080296

Similar features to those of the T1-T2-T3 well known models, but with a major difference: TERRA sandblasters have a bigger chamber and a LED lighting. Besides, the position of the holes to insert the hands has been modified to allow a more ergonomic operation. The name of the three models is still similar:

TERRA I It features just a fixed nozzle

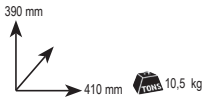
TERRA II It features a fixed nozzle and a tank for micro-blasting

TERRA III It features a fixed nozzle and two tanks for micro-blasting.



Ref. 080270-50

Easy to place self-adhesive protective cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.



Operating pressure	2 a 5 bars
Maximum air consumption	100 l. /min.
Voltage	230 V 50-60 Hz
Consumption	LED 6 W

(L) 490 x (W) 460 x (H) 480 mm | 12,000 kg

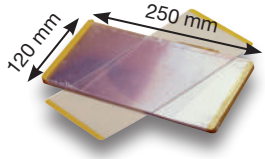
T1, T2, T3 Sandblaster

Ref. 080270 = T-1
Ref. 080280 = T-2
Ref. 080290 = T-3

This is a compact and economical family of Sandblasters.
All of them are equipped with a fixed nozzle of 3 mm diameter with sand re-flow system.
The T2 model also has a 1,25 mm mobile nozzle.
The T3 model has two mobile nozzles of 1 and 1,25 mm.
Switching between tanks is made thanks to a pneumatic valve.
All models have interior LED lighting.
Dimensions, appearance and finish are similar.

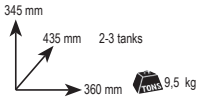
Sandblaster (no fixed nozzle)

Ref. 080269 = T-1
Ref. 080279 = T-2



Ref. 080270-50

Easy to place self-adhesive protective cover.
It prevents glass from wearing out due to sand abrasion.
Packs of 10 units



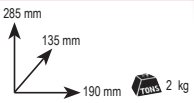
Operating pressure	2 to 5 bar
Maximum air consumption	100 L /min.
Voltage	230 V 50-60 Hz
Consumption	LED 6 W

(L) 490 x (W) 460 x (H) 480 mm | 10,500 kg

Microblasting module (pressure reducer and pedal)

Ref. 080251

It is supplied with A 1,25 mm nozzle (0,75 mm or 1 mm optional).
The machine also has a pressure reducer, operation pedal and pressure gauge, so it is precise and safe to use.
The support is made in stainless steel sheet.



(L) 430 x (W) 270 x (H) 270 mm | 3,000 kg

Microblasting unit

(Lab) **Ref. 100122**

Oxide	50 / 100 micras
Pressure	4 a 5,5 kgf/cm²

(L) 195 x (W) 110 x (H) 45 mm | 0,265 kg

50 µm
Ref. 080315

100 µm
Ref. 080316

150 µm
Ref. 080317

250 µm
Ref. 080318

Aluminium oxide (4 kilos)

Product of the highest purity (more than 99 %) and excellent grain with marked sharp edges for perfect abrasion. It is sold in 4 kg cans with particle sizes of 50, 100, 150 and 250 microns. Moisture free. Essential in any dental laboratory to remove plaster remains and abrasion from all types of materials.

Glass microsphere (3 kilos)

Very high quality product. The spheres have great uniformity in size and resistance to impact, avoiding breakage. Unlike the sharp edges of aluminum oxide, the blunt surface of the microspheres causes the ridges of the material to be treated to be crushed. The result is a shiny and smooth surface with a soft touch. Ideal for the treatment of dental metals and alloys. It is sold in 3.3 kg cans.

50 µm
Ref. 080312

Microchamber

for automatic sandblasting of metallic structures

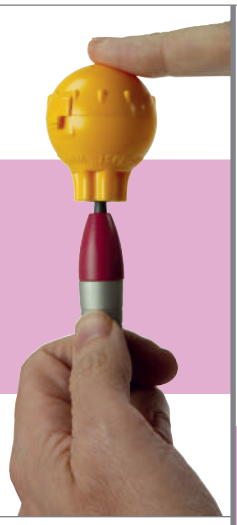
Ref. 050585

(L) 49 x Ø 33 mm	0,01 kg

NEW

Three replacement upper caps for sandblasting microchamber

Ref. 050586-01



Pressure air nozzle

Ref. 050220 *(for Ø 8)*

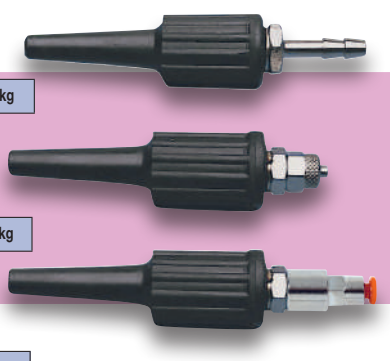
Ref. 050220	(L) 122 x Ø 25 mm	0,08 kg

Ref. 050221 *(for Ø 6)*

Ref. 050221	(L) 105 x Ø 25 mm	0,08 kg

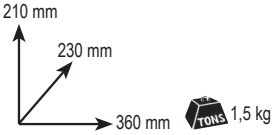
Ref. 050222 *(for Ø 4)*

Ref. 050222	(L) 125 x Ø 25 mm	0,09 kg



Work box Ref. 060210

- Made of transparent injected plastic.
- Prevents losses of precious metal powder.
- Prevents eye accidents due to flying particles, and considerably reduces inhalation of harmful dust.



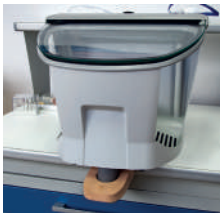
Ref. 060210	(L) 520 x (W) 300 x (H) 355 mm	3 kg

Work box **Orión** Ref. 080214

Seldom has a product aimed at dental professionals been built with such suitable dimensions as the Orión dust extraction box. Its size is small enough to fit any spot, yet wide enough to be able to work without restrictions.

Common elements in the 2 models:

- High luminosity LED lamp.
- Absence of shadows inside.
- Ergonomic work position.
- Optimal absorption of powder by means of external suction (not included).
- Easy cleaning.



Docking coupling with Jeb type suction.

The suction hood is strategically located so that it doesn't obstruct. The hood is connected to an external suction tube at the rear through a pivotable outlet. Furthermore, detachable boxes collect the dust that could fall through the hand rests.

Height	300 mm	Length	330 mm
Width	360 mm	Weight	2.6 kg

(L) 490 x (W) 460 x (H) 480 mm

5.3 kg

1) Remove elbow tube (rear outlet)

2) Shipyard tube placement.

Finishing box **Eclipse** Ref. 080216

Similar in dimensions, purpose and appearance to the **MESTRA Orion (Ref. 080214)**, but with a more closed design. MESTRA Orion **(Ref. 080214)**, but with the peculiarity that its design is more closed. Particularly recommended for those tasks where a greater amount of dust and/or gases may be generated. Ergonomics, lighting and practicality are maintained with respect to the Orion model.

Height	275 mm	Length	330 mm
Width	360 mm	Weight	2.8 kg

(L) 480 x (W) 370 x (H) 320 mm

3.8 kg

Front

Back

Finishing box **Eclipse** with built-in suction Ref. 080217

This box has similar features to the "Eclipse revision booth" **(Ref. 080216),** but with the particularity of integrating its own suction unit. Its small dimensions make it ideal in places with little space, where it is important to keep the environment clean without the need for bulky suction equipment. If necessary, the machine can be connected to an external extraction source.

Height	275 mm	Length	400 mm
Width	360 mm	Weight	2,8 kg

(L) 410 x (W) 370 x (H) 370 mm

3,800 kg

MESTRA®

Polisher with suction Ref. 080500

The MESTRA polishing box is a compact, functional machine made entirely in stainless steel. It has two rubber screens in the polishing area to collect heavy particles. It is equipped with lighting LED and suction. It meets the most stringent regulations regarding safety and environment:
- General protection by means of fuses.
- Safeguard against unwanted start-ups in the absence of electrical power by means of a safety switch with manual reset.
- Silent self-contained suction unit (67 dB) with collection of particles by filter.
- Lighting by means of two antifatigue lamps.

Inox

500 mm
500 mm
800 mm
50 kg

SPECIFICATIONS

Voltage	230 V 50/60 Hz
Power (appr.)	800 W
Speed rpm	1500/3000 50 Hz 1800/3600 60 Hz
Suction power	500 m³/h

(L) 950 x (W) 600 x (H) 680 mm | 61 kg

Box with suction for polishing Ref. 080502

This box with suction for polishing gives excellent value for money, and provides an economical way to adapt laboratory polishers to safety standards.
It features a suction and filter unit, lighting system, polycarbonate protective screens and a Schuko type power connection with a manual safety reset to prevent unexpected start-ups (EC standards). The body is made of high-strength polypropylene, combined with a steel chassis to form a highly robust unit.
This also eliminates the corrosion problems to which machines of this type are prone. The body can also be used with all models of polisher, though it is intended principally for use with MESTRA™ models. Its ergonomic design makes polishing and changing the filter simple and comfortable. The machine is supplied with two rubber screens.
As an option, it can be supplied with Ref. 080150, Ref. 080160 or Ref. 080162 polishers screwed to its base.

SPECIFICATIONS

500 mm
500 mm
800 mm
34 kg

Voltage	230 V 50-60 Hz
Power (appr.)	300 W
Suction power	500 m³ h.

(L) 950 x (W) 600 x (H) 680 mm | 45 kg

Polisher with suction (centralized) Ref. 080501

Inox

Similar characteristics to those of the Polisher Box with Aspiration Ref. 080500 but without aspiration motor nor filtering system, so it is necessary to connect it to an external equipment of centralized aspiration.
This machine is supplied with two inlets for tubes of Ø 40 mm. at the rear

Box with suction for polishing (centralized) Ref. 080504

Similar characteristics to those of the Box with suction for polishing but without suction motor nor filtering system, so it is necessary to connect it to an external equipment of centralized suction.
This machine is supplied with two inlets for tubes of Ø 40 mm. at the rear.

Polishing Mini Box Gorbea Ref. 080508

● Brushes not included.

(L) 530 x (W) 400 x (H) 450 mm | 5,600 kg

Its dimensions allow it to be located in any corner. Through this accessory, the R-080164 mini polisher becomes a complete polishing box with professional features.
The set includes the set polisher and box.
High torque motor
– Variable speed up to 5000 rpm.
– Connection to external suction.
– LED lighting.
– Protection screens.
– Safety switch against sudden start.
– Excellent stability.

250 mm
300 mm
400 mm
4,6 kg

SPECIFICATIONS

Voltage	230 V 50-60 Hz
Power	200 W
Speed	1500-5000 rpm

Mini polisher (Variable speed) Ref. 080164

● ACCESSORY:
Ref. 100277-01 Ref. 100277-02

● Brushes not included.

185 mm
175 mm
270 mm
2,6 kg

(L) 300 x (W) 300 x (H) 200 mm | 3.200 kg

Voltage	230 V 50-60 Hz
Power	200 W
Speed	1500-5000 rpm

Polishing Mini Box

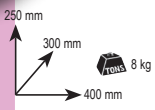
Ref. 080509

- Connection to aspiration.
- LED lamps.
- Protective shields.
- Safe switch.

● Brushes not included.

● ACCESSORY:
Ref. 080509-02 Ref. 080509-03

Voltage	230 V 50-60 Hz
Power	1.300 W
R.P.M.	3,000-7,000



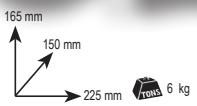
(L) 530 x (W) 400 x (H) 450 mm	9,000 kg

Mini polisher

(Variable speed) **Ref. 100276**

SPECIFICATIONS

Voltage	230 V 50/60 Hz.
Power	1.300 W
R.P.M.	3,000-7,000
Height of shaft center line	120 mm
Overal shaft lenght	360 mm



(L) 310 x (W) 315 x (H) 190 mm	6,550 kg

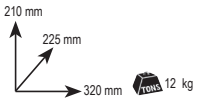
Polishing lathe Ref. 080162

Brushs non included

Optional

For polishing and grinding metals, etc. by using dry or wet methods.
POWER: 500 W, 2-speed, maintenance-free motors.
QUIET: low noise level (48 dB), vibration-free.
LEAK-TIGHT: sealed shafts to prevent water and pumice getting in.
SAFE: safety switch to prevent accidental start-ups after power failures, thus removing any risk of Injury.
ERGONOMICS: built to allow free arm movement and comfortable work in standing or sitting position.
Lever type extractors to make brush-holder removal easier.
Its robust and heavy construction (12 kg) and its wide base on non-slip rubber feet guarantee maximum stability.

Power	500 W
R.P.M.	1.500 / 3.000
Voltage	230 V 50-60 Hz



(L) 430 x (W) 270 x (H) 270 mm	14 kg

● ACCESSORY:
Ref. 080160-03 Ref. 080175 Ref.080160-04

Polishing lathe

Ref. 080150 = Single speed
Ref. 080160 = Double speed

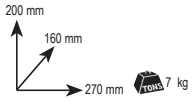
Ref. 080150

Ref. 080160

Ref. 080190

Optional

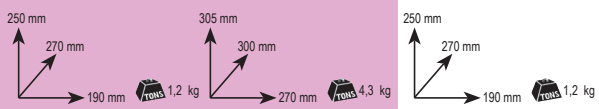
The MESTRA polishing lathe has a modern and elegant design.
It is made according to the most modern concepts ensuring high quality and safety.
The motor housing is made of extruded aluminium tube (special section). Outside diameter is 125 mm.
Its conic ends allow perfect sight of working area.
Large base resting on 4 suction pads for greater stability.



Power	125 W
R.P.M.	2.750 - 1.500/3.000
Voltage	230 V 50-60 Hz

(L) 430 x (W) 270 x (H) 270 mm	9,000 kg

Ref. 080210 Ref. 080200 Ref. 080211



Shield for polisher *(metal)* Ref. 080200

Light and splash protection with adjustable visor.

(L) 525 x (W) 295 x (H) 350 mm	5,760 kg

Shield for polisher *(rubber)* Ref. 080210

Totally made of rubber to prevent any possible collision and breakage of the workpiece

(L) 300 x (W) 190 x (H) 270 mm	1,425 kg

Shield for polisher *(rubber)* Ref. 080211

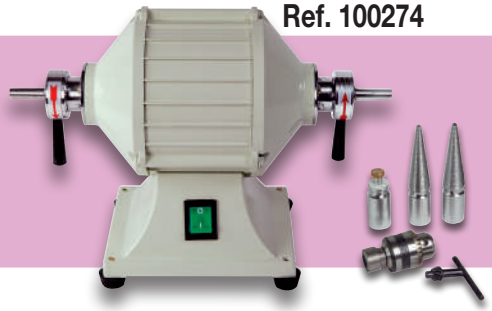
Bilnd. No hole for air suction hose.

(L) 300 x (W) 190 x (H) 270 mm	1,425 kg

Blasting, polishing and finishing

Polishing lathe Import

Ref. 100274



Voltage	230 V 50/60 Hz
Power	370 W
Speed	2.800 rpm
Height centre of shaft	130 mm
Total length of shaft	300 mm

200 mm, 140 mm, 440 mm, 7 kg

(L) 340 x (W) 255 x (H) 180 mm — 8 kg

Variable speed mini polisher

Ref. 100277

Voltage	230 V 50/60 Hz
Power	200 W
Speed	1500-5000 rpm
Height centre of shaft	95 mm
Total length of shaft	270 mm

135 mm, 113 mm, 270 mm, 3 kg

(L) 290 x (W) 170 x (H) 185 mm — 3,3 kg

High speed polisher

Ref. 100245

(Bushing) drill chuck

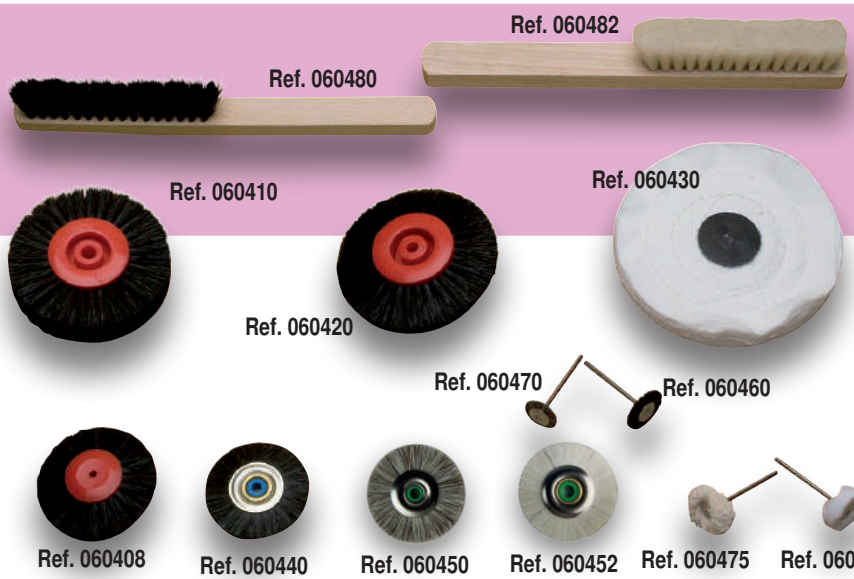
Ref. 100245-01

Voltage	230 V 50/60 Hz
Power	180 W
Speed	17.000 rpm

270 mm, 360 mm, 260 mm, 11,8 kg

(L) 520 x (W) 300 x (H) 360 mm — 12,4 kg

Brushes and fabric discs



Ref. 060480 Hand brush. Horse hair. Black (4 rows)
Ref. 060482 Hand brush. Goat hair. White (5 rows)
Ref. 060410 (SET 12 u.) Brush. 4 straight rows (Ø 75/80 mm)
Ref. 060420 (SET 12 u.) Brush. 4 convergent rows (Ø 75/80 mm)
Ref. 060430 (SET 1 u.) Cotton fabric discs (Ø 110 mm; 32 layers)
Ref. 060408 (SET 18 u.) Brush. 3 convergent rows (Ø 55 mm)
Ref. 060440 (SET 24 u.) Brush with plastic bushing (Ø 48 mm) (synthetic/strong)
Ref. 060450 (SET 24 u.) Brush with plastic bushing (Ø 48 mm) (horse/medium)
Ref. 060452 (SET 24 u.) Brush with plastic bushing (Ø 48 mm) (goat/soft)
Ref. 060470 (SET 12 u.) Brush with mounted shaft (Ø 17.5 mm)
Ref. 060460 (SET 12 u.) Brush with mounted shaft (Ø 22 mm)

Ref. 060475 (SET 12 u.) Brush w/ mounted shaft (Ø 22 mm)

Ref. 060476 (SET 12 u.) Brush w/ mounted shaft (Ø 22 mm)

Polishing paste *(high shine)*

Ref. 104852
Polishing paste. Green. Super finishing hard metals (chromium, platinum) - 132 g **104852-10** (10 u.)

(L) 160 x (W) 152 x (H) 112 mm — 1,5 kg (10 u.)

Ref. 104854
Polishing paste. White. Finishing metals and plastics 115 g **104854-10** (10 u.)

(L) 160 x (W) 152 x (H) 112 mm — 1,3 kg (10 u.)

Ref. 104856
Polishing paste. Blue. Super finishing metals and some plastics - 115 g **104856-10** (10 u.)

(L) 160 x (W) 152 x (H) 112 mm — 1,3 kg (10 u.)

Felt discs and cones

Ø 25 mm and 5 mm thick discs, in soft and hard texture

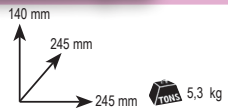
TEXTURE	Ref.
Hard disc (100 u.)	Ref. 060530
Soft disc (100 u.)	Ref. 060535

Cones available in different sizes according to table (Ø x height)

Ø x height	Ref.
15 x 25 (10 units)	Ref. 060500
20 x 35 (10 units)	Ref. 060505
20 x 40 (10 units)	Ref. 060510
25 x 45 (10 units)	Ref. 060515
25 x 50 (10 units)	Ref. 060520
30 x 60 (10 units)	Ref. 060525

Electrolytic polisher Ref. 080490

The **MESTRA** electrolytic polisher is designed specially for dental laboratories. Stainless steel construction and large tray capacity. Up to three skeletons can be polished simultaneously. Equipped with a timer, it allows polishing to be programmed from 0 or 30´.
It Includes a potentiometer, an ammeter, a thermal safety system, and a visual function indicator.
A highly efficient unit of sober design.



SPECIFICATIONS

Voltage	230 V 50/60 Hz
Secondary voltage	16 V
Maximum current	10 V
Circuit breaker	10 V
Timer	0-30 Min.
Tank capacity	2 litros
Tank diameter + height	Ø 160 mm x 150 mm alto
Tank weight	1,2 kg

(L) 520 x (W) 300 x (H) 355 mm | 7,500 kg

Electrolytic polisher
Ref. 100293

Solidly made and small. Smooth and even surface and dismountable tank, which makes cleaning very easy.

The electronic controls allow adjusting thoroughly the time and the maximum current. Besides, it can store two different polishing programmes in the memory.

Height	145 mm
Width	210 mm
Depth	250 mm
Weight	1,9 kg
Voltage	100-240 V
Power	100 W

*With system agitation by air

(L) 250 x (W) 220 x (H) 150 mm | 3,310 kg

Solution for electrolytic bath (1 and 5 litres)

Ready for use.
Suitable for any electrolytic polishing device.

High quality product. It has been formulated to minimize its toxicity, when the safety measures and recommendations for use are followed.
Using it together with electrolytic baths of the type dental and/or jewelry, the quality achieved is excellent. In addition, it remains without degrading for many cycles of use.
Its viscous texture prevents splashing and makes it much easier to clean up accidentally spilled debris.

NEW

Ref. 130351

Ref. 130350

Altamira steam cleaning box Ref. 080600

Nobody questions the need and importance of steam jet cleaning in the Dental Lab.
Nobody questions its consequences either: dirt in sinks, air moisture, condensation in walls and floors... And all this leaving aside the high price these devices used to have up to now.
In **MESTRA®** we have worked hard to make these troubles simply disappear by using the Altamira Steam Cleaning Cabin, the indispensable complement for any steam cleaning device.

SPECIFICATIONS

	Ref. 080600	Ref. 080602
Height	570 mm	570 mm
Width	520 mm	520 mm
Depth	490 mm	490 mm
Weight	24 kg	20,5 kg
Capacity	8 l.	
Voltage	230 V 50/60 Hz	230 V 50/60 Hz
Power	140 W	
Fuse	2 A	

(L) 620 x (W) 530 x (H) 630 mm | 27,000 kg | 23,500 kg

Box spray application
Ref. 080602

This Altamira chamber has been specially adapted for shading spray application on models prior to scanning. Also useful to clean the dust on the zirconia milling discs. The set requires an external suction unit not included.

MESTRA®

Steam machine

Ref. 100193

Reliable, safe and resistant. Tank capacity of 3 litres and working pressure of 3 bar. The tank is completely made of high-quality stainless steel. The powerful heater means that working pressure can be reached in just a few minutes.
The level of water in the tank can always be checked through a peephole. To avoid calcification in the boiler and extend the working life of the device, the machine must be filled with decalcified water, or preferably distilled water.

Capacity	3 l.
Voltage	220 V 50/60 Hz
Power	1300 W
Pressure	3 bar
Height x Width (with pistol support)	640 x 250 mm

(L) 430 x (W) 310 x (H) 430 mm | 12 kg

Steam machines

Moderate use

NEW

Ref. 100195

NEW

Ref. 100196

Due to their abundant flow of dry steam, they are Ideal for cleaning tasks in dental laboratories. Both devices are supplied with a water level meter and a practical funnel.

	Ref. 100195	Ref. 100196
Height	250 mm no support 685 with folded support	240 mm no support 680 with folded support
Width	235 mm	400 mm
Depth	335 mm	325 mm
Weight	6.2 kg	11.290 kg
Power supply	220V, 50 Hz	220V, 50 Hz
Power	1250 W	2250 W
Pressure	4 bar	4 bar
Capacity	3.5 litres	5 litres

Static steam jet Ref. 100192

Static steam generator machine for dental laboratory and clinic. Ideal for intensive and professional use. Due to its high power and the capacity of the 2-liter tank, the appliance is capable of supplying a continuous jet of steam that is completely dry and controlled by means of a pedal.
Constructed entirely of stainless steel.

NEW

Inox

Important recommendation:
Always use distilled or softened water.
We suggest the **Distiller/Descaler Ref. 100210**

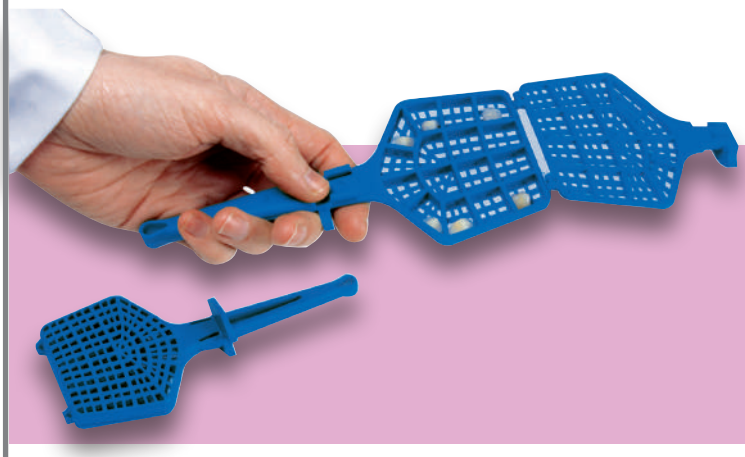
SPECIFICATIONS

Height	300 mm unsupported 350 mm with support
Width	180 mm
Depth	285 mm 380 mm with tap
Weight	6,1 kg
Voltage	230V, 50 Hz
Power	1.300 W
Pressure	4 bar
Capacity	2 l.

Strainer for teeth cleaning

Ref. 050345

Made of polyamide resistant to high temperatures. Innovative design including an easy to handle and safe lock. For an easier handling, when you leave it on the table, the handle remains raised. Ideal accessory for teeth cleaning with steam machine or washing machine.



Length unfolded	280 mm
(L) 180 x (W) 80 x (H) 12 mm	0,050 kg

Plus Micromotor *(brushless)*

Ref. 100280 Digital watch

Strong torque at low speed.
Vertical / horizontal placement.
Right & Left turning ability.
Hand / Foot speed control system.
Self-diagnosis, error display,
work memory storage function.
Foot speed control.

Height	182 mm
Width	96 mm
Length	207 mm
Weight	3.9 kg
Speed	50000 rpm
Torque	7.8 N.cm
Power	230 W
Voltage	220-240 V - 50/60 hz

(L) 280 x (W) 280 x (H) 200 mm — 4.62 kg

Élite Micromotor *(brushless)*

Ref. 100285

Brushless motor.
Vertical/horizontal position.
Left and right rotation.
Hand/foot speed control.
Self-diagnosis.
Error display.

Height	182 mm
Width	91 mm
Length	205 mm
Weight	2.5 kg
Speed	50000 rpm
Torque	7.8 N·cm
Power	230 W
Voltage	230 V (50/60 Hz)

(L) 280 x (W) 275 x (H) 200 mm — 4.65 kg

Knee Micromotor *(induction)*

Ref. 100278S

Brushless micromotor with foot or knee control. Right & Left turning ability. For Ø 2.35 mm burs, automatic speed maintenance function, overload protection and self-diagnosis.

Height	230 mm
Width	95 mm
Length	270 mm
Weight	5.5 kg
Speed	50000 rpm
Torque	7.8 N.cm
Voltage	220-240 V
Frecuency	50/60 Hz
Control box weight 3.1 kg	
Hand piece weight 365 g	

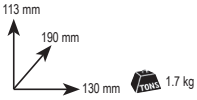
(L) 260 x (W) 335 x (H) 215 mm — 5 kg

Blasting, polishing and finishing

Micromotor *(brush)*

Ref. 100283

Occasional use, not recommended for metals

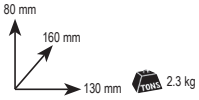


Max. speed	45000 rpm
Torque	4.0 N.cm
Voltage	110-230 V 50/60 Hz

Micromotor *(brush)*

Ref. 100284

Occasional use, not recommended for metals



Max. speed	35000 rpm
Torque	2.94 N.cm
Power	45 W
Voltage	110-230 V 50/60 Hz

Micromotors *(brush)*

Ref. 120100

Ref. 120110

	Control Box	120100	120110
Height	80 mm	30 mm	27 mm
Width	125 mm	30 mm	27 mm
Depth	160 mm	160 mm	170 mm
Weight	1.4 kg	0.25 kg	0.3 kg
RPM		35000	35000
Torque		280 gfcm	280 gfcm
Power		45 W	45 W

(L) 265 x (W) 235 x (H) 90 mm | 2.5 kg

Ocasional use, not recommended for metals

Portable micromotors *(10 h autonomy)*

Ref. 100279
(brush)

Ref. 100282
(brushless)
intramátic

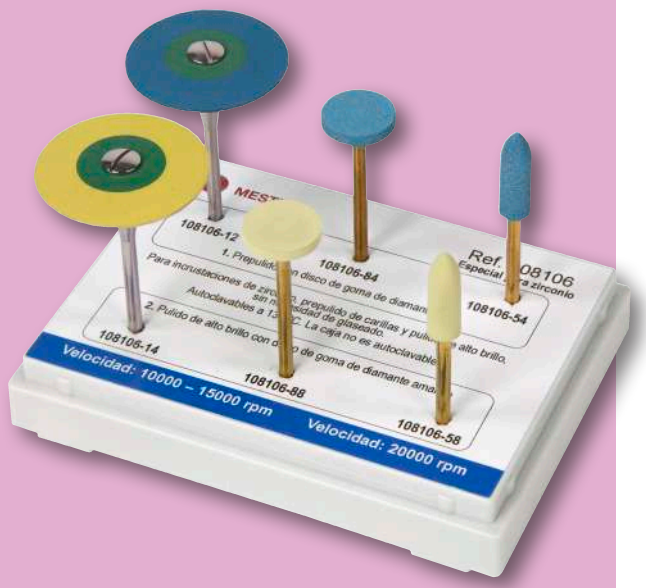
	Control Box	100279	100282
Height	45 mm	20 mm	20 mm
Width	105 mm	20 mm	20 mm
Depth	145 mm	135 mm	155 mm
Weight	0.4 kg	0.16 kg	0.16 kg
RPM		30000	30000
Torque		250 gfcm	250 gfcm
Power		30 W	30 W

(L) 210 x (W) 193 x (H) 73 mm | 1.1 kg

Ocasional use, not recommended for metals

NEW

For Zirconia



Polishing discs and burs *for zirconia*

We present two kits of diamond discs and burs, specially designed for pre-polishing and high-gloss polishing of zirconia inlays and veneers, without the need for glazing, polishing paste or water cooling.

They are autoclavable at 135ºC (but not their presentation box), their shanks have a standard diameter of 2.35 mm and a recommended working speed of between 10000 and 15000 rpm, 20000 maximum for diamond rubber and 25000 maximum for diamond ceramic.

2-STEP KIT Ref. 108106

Pre-polishing and fine polising

Ref. 108106-12
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm

Ref. 108106-14
Diamond rubber
Extra-fine grain • Fine polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm

Ref. 108106-84
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 12 × 2 mm
Max. Speed 20000 rpm

Ref. 108106-88
Diamond rubber
Extra-fine grain • Fine polishing
Bur Ø 12 × 2 mm
Max. Speed 20000 rpm

Ref. 108106-54
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 5 × 16 mm
Max. Speed 20000 rpm

Ref. 108106-58
Diamond rubber
Extra-fine grain • Fine polishing
Bur Ø 5 × 16 mm
Max. Speed 20000 rpm

3-STEP KIT Ref. 108306

Fine grinding, pre-polishing and fine polishing

Ref. 108106-12
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm

Ref. 108106-14
Diamond rubber
Extra-fine grain • Fine polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm

Ref. 108306-91
Diamond ceramic
Med. grain • Fine grinding and adjusting
Bur Ø 22 × 2 mm
Max. Speed 25000 rpm

Ref. 108306-71
Diamond ceramic
Med. grain • Fine grinding and adjusting
Bur Ø 22 × 2.5 mm
Max. Speed 25000 rpm

Ref. 108306-31
Diamond ceramic
Med. grain • Fine grinding and adjusting
Bur Ø 5 × 13 mm
Max. Speed 25000 rpm

Ref. 108306-21
Diamond ceramic
Med. grain • Fine grinding and adjusting
Bur Ø 4 × 13 mm
Max. Speed 25000 rpm

Optional burs

Pre-polishing, fine grinding and adjusting

Ref. 108000-11
Diamond rubber
Extra-coarse grain • Pre-polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm

Ref. 108000-86
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 12 × 2 mm
Max. Speed 20000 rpm

Ref. 108000-64
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 6 × 16 mm
Max. Speed 20000 rpm

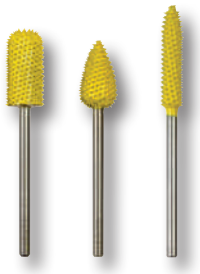
Ref. 108000-81
Diamond ceramic
Med. grain • Fine grinding and adjusting
Bur Ø 17 × 3.5 mm
Max. Speed 25000 rpm

Blasting, polishing and finishing

Tungsten burs

(high performance) (for plaster trimming)

Reference	Total length	Ø of bur	Length of cut
Ref. 104020	46 mm	8 mm	17 mm
Ref. 104023	44 mm	8 mm	9 mm
Ref. 104026	51 mm	5 mm	21 mm



(L) 50 x Ø 10 mm | 0,004 kg

Silicone burs

(6 units) (12 units)

Brown silicone points. For a high brightness polishing in alloys, amalgams, composite and acrylics.

(L) 68 x (W) 64 x (H) 24 mm | 0,045 kg

Gray silicone points (6 u.). For pre-polishing in alloys, amalgams, composites and acrylics

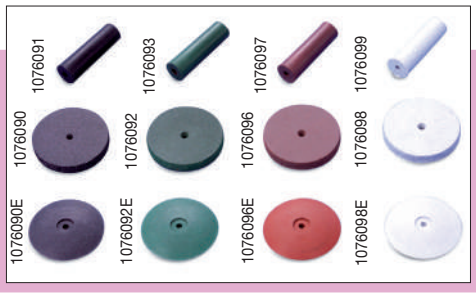
(L) 73 x (W) 64 x (H) 26 mm | 0,051 kg

Big silicone points for acrylic resins (6 units).
For a rough and medium finish.

(L) 73 x (W) 64 x (H) 26 mm | 0,051 kg

White silicone points (6 units)
To fill in scratches and achieve a perfect polish in all types of porcelain.

(L) 73 x (W) 64 x (H) 26 mm | 0,051 kg



Silicone cylinders, disks and "lentils" (100 units)

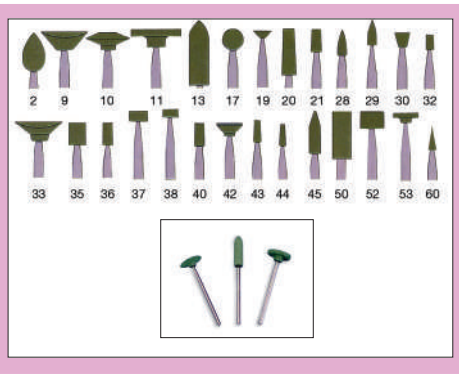
(L) 102 x (W) 94 x (H) 30 mm | 0,153 kg

Polishing pads

Polishing pads (50 units).
For polishing soft materials.

(L) 135 x (W) 105 x (H) 65 mm | 0,076 kg

Abrasive stones *(12 unit box)*



Green. Long-lasting and highly resistant. Made from silicon carbide. Particularly suitable for porcelain finishes, composites, and gold and silver alloys.

Ref. 106402 Ref. 106419 Ref. 106432 Ref. 106440 Ref. 106452
Ref. 106409 Ref. 106420 Ref. 106433 Ref. 106442 Ref. 106453
Ref. 106410 Ref. 106421 Ref. 106435 Ref. 106443 Ref. 106460
Ref. 106411 Ref. 106428 Ref. 106436 Ref. 106444
Ref. 106413 Ref. 106429 Ref. 106437 Ref. 106445
Ref. 106417 Ref. 106430 Ref. 106438 Ref. 106450

(L) 68 x (W) 64 x (H) 24 mm | 0,045 kg

Pink. Long-lasting and highly resistant. Made from aluminium oxide for polishing nickel and chrome-cobalt alloys.

Ref. 106502 Ref. 106511 Ref. 106543
Ref. 106509 Ref. 106520 Ref. 106550
Ref. 106510 Ref. 106542

(L) 68 x (W) 64 x (H) 24 mm | 0,045 kg

Brown. Long-lasting and highly resistant.
Made from aluminium oxide for cutting and roughing of nickel and chrome-cobalt alloys.

Ref. 106610 Ref. 106611 Ref. 106620 Ref. 106635 Ref. 106642
Ref. 106650

White. Long-lasting and highly resistant.
Made from aluminium oxide, particularly suitable for polishing non-precious and semi-precious alloys

Ref. 106711 Ref. 106720 Ref. 106728 Ref. 106743
Ref. 106742 Ref. 106750

(L) 68 x (W) 64 x (H) 24 mm | 0,045 kg

Blasting, polishing and finishing

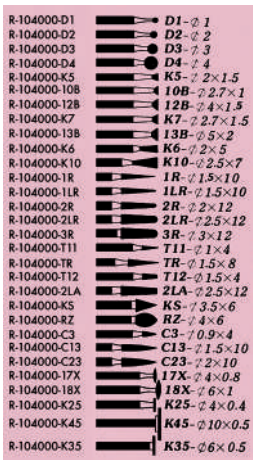
MESTRA®

Set of 30 burs *(diamond)* Ref. 104000

Diamond burs. The set goes in a case and includes the 30 shapes most used in the dental lab.
There are also spare burs available.

(L) 145 x (W) 61 x (H) 20 mm | 0,148 kg

REPLACEMENT PARTS



Set of 10 burs *(diamond)*

Each set consists of 10 burs (no surface coating, the body is completely made of diamond) with the most commonly used shapes in the Dental Laboratory.

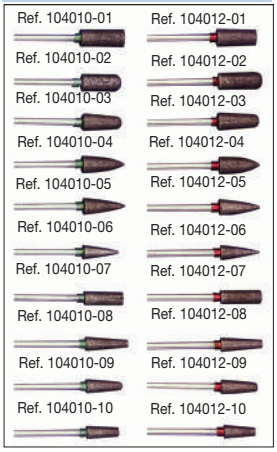
Two types of set are available:

Ref. 104010 Green band set (gross)
special for work with metals.

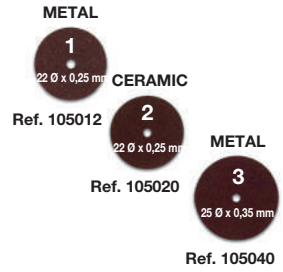
Ref. 104012 Red band set (fine)
special for work with metals.

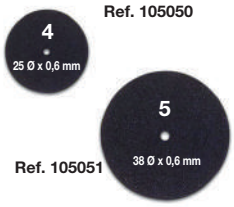
(L) 68 x (W) 62 x (H) 23 mm | 0,044 kg

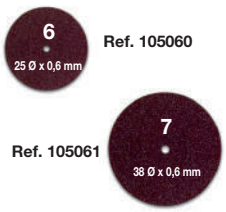
REPLACEMENT PARTS

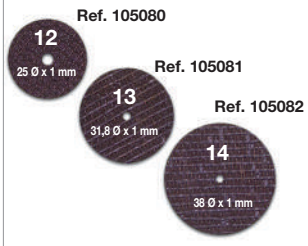


Abrasive disks *(100 units boxes)*









ULTRAFINE DISKS

1 Ref. 105012
Metal 22 ø x 0,25 mm (100 u.)

2 Ref. 105020
Ceramic 22 ø x 0,25 mm (100 u.)

3 Ref. 105040
Separating metal 25 ø x 0,35 mm (100 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

STANDARD CUTTING DISKS

4 Ref. 105050
Black 25 ø x 0,6 mm (100 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

5 Ref. 105051
Black 38 ø x 0,6 mm (100 u.)

(L) 90 x (W) 44 x (H) 41 mm | 0,166 kg

SPEEDY DISKS

6 Ref. 105060
25 ø x 0,6 mm (100 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

7 Ref. 105061
38 ø x 0,6 mm (100 u.)

(L) 90 x (W) 44 x (H) 41 mm | 0,166 kg

GRINDING WHEELS

8 Ref. 105070
25 ø x 3 mm (100 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

9 Ref. 105071
38 ø x 1 mm (100 u.)

10 Ref. 105073
31,8 ø x 1,6 mm (100 u.)

11 Ref. 105074
31,8 ø x 2 mm (100 u.)

(L) 90 x (W) 44 x (H) 41 mm | 0,166 kg

DISKS WITH FIBERGLASS

12 Ref. 105080
25 ø x 1 mm (50 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

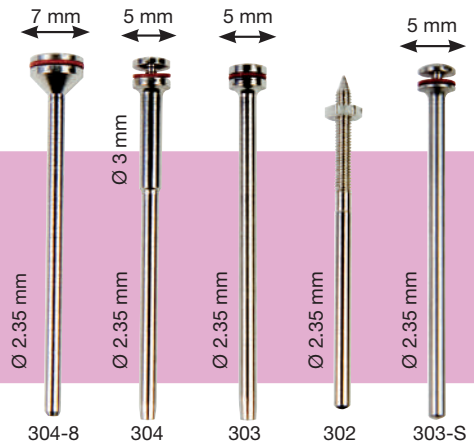
13 Ref. 105081
31,8 ø x 1 mm (50 u.)

14 Ref. 105082
38 ø x 1 mm (50 u.)

(L) 90 x (W) 44 x (H) 41 mm | 0,166 kg

Mandrels

Ref. 060600 type mandrel 304-8 (10 unit bag)
Ref. 060602 type mandrel 304 (10 unit bag)
Ref. 060604 type mandrel 303 (10 unit bag)
Ref. 060606 type mandrel 302 (10 unit bag)
Ref. 060608 type mandrel 303-S (10 unit bag) Stainless Steel



(L) 60 x (W) 50 x (H) 10 mm | 0,028 kg

Motor supports

Ref. 050270
M-1 - Tabletop type, telescopic, with CLAMP.

Ref. 050280
M-2 - Tabletop type, telescopic, with disc for fixing it to the table.

Ref. 050290
P - Wall type, can be rotated through 180°.

(L) 870 x (W) 270 x (H) 260 mm | 3,500 kg

Hanging motor arm support

Ref. 050230

Ref. 050240

Ref. 050230 (L) 90 x (W) 60 x (H) 44 mm | 0,106 kg

Ref. 050240 (L) 90 x (W) 60 x (H) 44 mm | 0,110 kg

Sirocco suction units

It is difficult to find a manufacturer in the dental sector that offers such a wide range of professional suction units as the Sirocco family, covering any possible need that may arise with the most suitable model for each case.

In addition, the modular and scalable nature of this range provides solutions for both clinical and laboratory use, allowing the user to choose from a multitude of options, such as unit size, arm type, filtering system, etc.

Although the number of alternatives and accessories is enormous, all units follow the same script: they are extremely quiet, aesthetically appealing suction units incorporating powerful induction motors (with a longer life than traditional models) and very economical consumables, with the level of quality that MESTRA guarantees in all of its products.

Induction motor (brushless)

Efficient low-noise suction (55 dB)

Strong suction power

Easy removal and cleaning of the reusable filters

Sirocco S Ref. 080534

Suction especially suitable for clinical and laboratory environments, it is the perfect size for desktop use and has a sleek aesthetic.

The Sirocco S model incorporates two stages of filtration: a first circular HEPA (High Efficiency Particulate Array) filter and a second internal HEPA filter. Thanks to its efficient design, the filter change operation is extremely simple.

The unit also features an external micromotor detection system and seven different power levels.

- Powerful induction motor
- Intuitive "touch" keypad
- Easy to use and change filter
- Exceptionally quiet

SIROCCO S
TECHNICAL CHARACTERISTICS

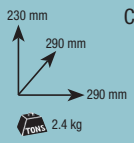
Height	**135 mm**	Weight	**3.1 kg**
Width	**280 mm**	Power	**350 W**
Depth	**280 mm**	Noise	**55 dB**

Ref. 080534AT

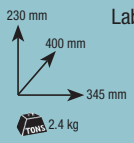
Basic configuration of the Sirocco Model S table-top suction unit, supplied with a flexible and extendable hose up to 700 mm for directing the suction to the work area. It allows small and delicate polishing and reworking operations.

- Easy to orient the suction hood
- Built-in LED lighting

Tube 700 mm • Ø 45 mm • Weight 3.8 kg



Clinic finishing box
Ref. 080534C



Laboratory finishing box
Ref. 080534L

Ref. 080534AC

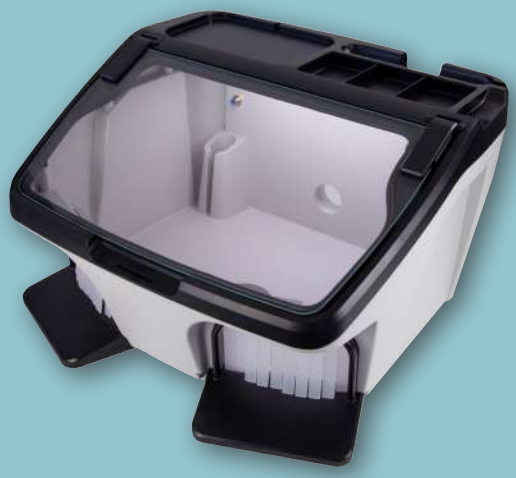
Sirocco S and finishing box for clinics. Together they form an extremely useful and reliable partnership for a clinic environment, allowing for minor polishing and reworking operations.

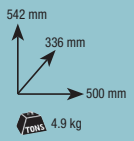
- Large screen and access
- LED lamp for perfect illumination
- Great working ergonomics

Height 365 mm • Width 290 mm
Depth 290 mm • Weight 5.5 kg

Large finishing box
Ref. 080212

- Spacious and robust design
- Large screen and access
- LED lamp for perfect illumination
- Great working ergonomics
- Comfortable and practical armrests





Finishing box that is fully compatible with the Sirocco M and L suction units with which it forms an extremely useful and reliable tandem for a clinic and laboratory environment, allowing small polishing and refinishing operations.

Ref. 080534AL

Sirocco S suction unit and a dental laboratory finishing box that is fully compatible with the benchtop unit, forming a very compact and balanced unit.

- Spacious and robust design
- LED lamp for perfect illumination
- Comfortable and practical armrests

Height 365 mm • Width 345 mm
Depth 400 mm • Weight 5.5 kg

MESTRA®

Sirocco M & L Ref. 080536 - Ref. 080537

These are two robust, quiet and highly reliable suction units, the M model being particularly practical for use under the workbench and the larger capacity L model very useful in CAD/CAM suction systems.

Its brushless motor extends its service life by five to ten times compared to traditional models.

They incorporate a connection for an external micromotor and a milling machine that will operate synchronously with the suction unit. In addition, its ergonomic design with handles and wheels facilitates its use and mobility in the clinic and laboratory.

Depending on requirements, you can choose to use disposable bag filters or reusable HEPA filters, or even a ULPA filter, as well as three different arm types; flexible hose for connection to other devices, swivelling snake arm or articulated arm, which are also equipped with different suction hoods.

- Extensive set of fully compatible accessories
- Exceptionally quiet operation
- Easy to use and change filter

Sirocco M with flexible hose
Ref. 080536A (small disposable filter)
Ref. 080536D1 (reusable filter 4.3 l)
Ref. 080536D2 (reusable filter 2.5 l)

Sirocco M with articulated arm
Ref. 080536C (small disposable filter)
Ref. 080536F1 (reusable filter 4.3 l)
Ref. 080536F2 (reusable filter 2.5 l)

Sirocco M with snake arm
Ref. 080536B (small disposable filter)
Ref. 080536E1 (reusable filter 4.3 l)
Ref. 080536E2 (reusable filter 2.5 l)

SIROCCO M
TECHNICAL CHARACTERISTICS

Height	580 mm
Width	290 mm
Depth	330 mm
Weight	11 kg
Power	800 W
Noise	55 dB
CAM Cable Interface	
Filtration grade ULPA U15	

Sirocco L with flexible hose
Ref. 080537A (large disposable filter)
Ref. 080537D (reusable filter 7.5 l)

Sirocco L with articulated arm
Ref. 080537C (large disposable filter)
Ref. 080537F (reusable filter 7.5 l)

Sirocco L with snake arm
Ref. 080537B (large disposable filter)
Ref. 080537E (reusable filter 7.5 l)

SIROCCO L
TECHNICAL CHARACTERISTICS

Height	800 mm
Width	290 mm
Depth	330 mm
Weight	13 kg
Power	800 W
Noise	55 dB
CAM Cable Interface	
Filtration grade ULPA U15	

Eolo Induction aspiration unit

Ref. 080533

Its new "brushless" induction motor extends its useful life between 5 and 10 times compared to traditional models, and has an innovative double filter system optimized for work in the dental laboratory (including abrasives such as aluminum oxide). It can be mounted with HEPA filter.

It easily adapts to the laboratory furniture, filling a minimum space. In addition, the ergonomic design facilitates its use and mobility. The electronic control with LCD screen is equipped with protection systems against overloads or obstructions in the suction mouth and with a visual indicator of the filter filling level and the detection of the micromotors.

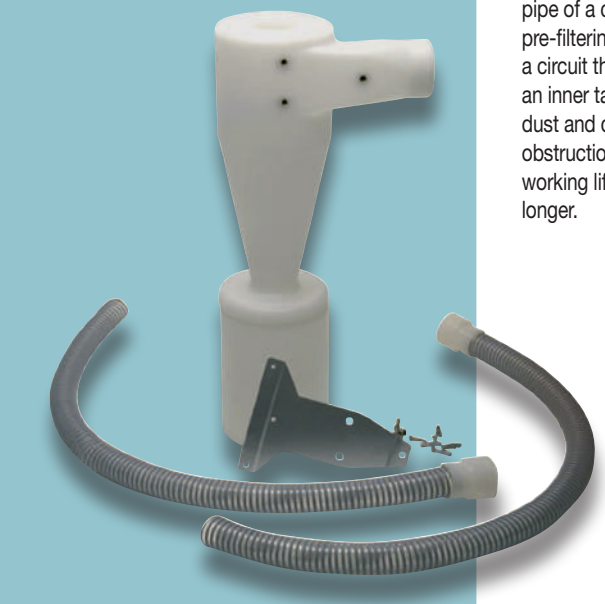
It allows manual or automatic operation synchronized with up to 3 different devices (sandblasters, micromotors, etc.). The detection and adjustment of micromotors is carried out by the electronic control itself, which allows detecting any micromotor, including those of the "brushless" type.

Height	585 mm
Width	210 mm
Depth	500 mm
Weight	17 kg
Power	750 W
Noise	65 dB

(L) 550 x (W) 320 x (H) 620 mm | 20 kg

High performance microprocessor. It allows the simultaneous operation of two handpieces to be synchronised with the suction. In addition, it has other features such as obstruction detection, switch-off delay time, power control, etc.

Ciclon dust decanter Ref. 080535



It is a simple device to be connected to the inlet pipe of a conventional Aspiration Unit for pre-filtering dust particles. The air circulates along a circuit that makes the dust particles fall into an inner tank. More than 99% of the aspirated dust and dirt is removed, reducing the risk of obstruction of the aspiration pipes and making the working life of the aspiration filters considerably longer.

The dust tank is easily accessible and, therefore, cleaning the device is a comfortable and simple task. The device features anchoring elements especially adapted to EOLO aspirations, with which it makes up a high performance compact unit.

- CICLÓN is built in high resistance polypropylene.

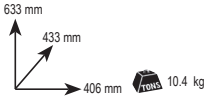
(L) 520 x (W) 300 x (H) 360 mm | 3 kg

MESTRA®

Gemini aspiration unit Ref. 080539

Voltage	230 V
Power	1200 W (2 steps)
Noise	68 dB
Capacity	36 l
Potentiometer	650-1200 W
Detection from	100 W
Aspiration	Solids and liquids

*Unsuitable for micro-motors

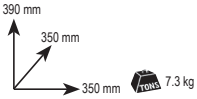


(L) 480 x (W) 450 x (H) 710 mm | 14 kg

Gemini aspiration unit Ref. 080538

Voltage	230 V
Power	1150 W
Noise	68 dB
Capacity	9,5 l
Potentiometer	650-1150 W
Detection from	100 W
Aspiration	Solids and liquids

*Unsuitable for micro-motors



For use in locations with reduced space.

(L) 370 x (W) 360 x (H) 530mm | 9 kg

Dry piston compressors

80 l/min compressor	**Ref. 110300**
80 l/min compressor with dryer	**Ref. 110310**
160 l/min compressor	**Ref. 110330**
160 l/min compressor with dryer	**Ref. 110340**

Family of four compressors consisting of two sizes of 80 and 160 litres/minute to which a dryer with automatic drain can be coupled.

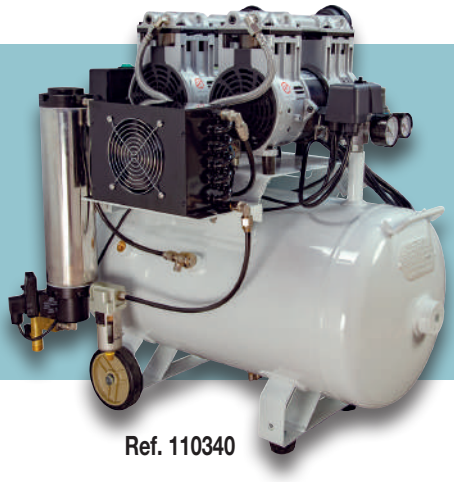
Extremely quiet operation (60 dB), easy maintenance (dry piston) and excellent reliability. They are supplied with two pressure gauges (boiler and service pressure), outlet pressure regulator and complete set of valves for draining.

The service pressure can reach 8 bars.

Ref. 110300

Ref. 110310

Ref. 110330



Ref. 110340

CERTIFICATE by **TÜV SÜD Type certificate**
Nº 12202200491258001
Directive 2014/29/UE (pressure vessels)

How do I know if my compressor complies with the European safety regulations?

It is easy to find dental compressors made in the East that do not comply with current European safety regulations. For this reason, it is advisable to check its features and security stamp: it is a plate welded to the tank similar to the attached picture. Next to the CE mark, you can see the number of the Notified Body that has validated its adaptation to European standards.

1. The models with dryer are also available with HEPA filter (H14) **Ref. 110310H** and **Ref. 110340H**.
2. The activated carbon filter **Ref. 110300-53** is available as an accessory for all compresors.

NEW

Reference	110300	110310	110330	110340
Power	750 W	750 W	1500 W	1500 W
Effective airflow (4 bars)	80 l/min	80 l/min	160 l/min	160 l/min
Noise	53 dB	53 dB	54 dB	54 dB
Pressure	5-8 bar	5-8 bar	5-8 bar	5-8 bar
Tank capacity	30 l	30 l	50 l	50 l
Heads	1	1	2	2
Length	390 mm	540 mm	370 mm	480 mm
Width	390 mm	390 mm	680 mm	680 mm
Heigh	650 mm	650 mm	750 mm	750 mm
Weight	30 kg	37 kg	58 kg	66 kg
Weight	37 kg	44 kg	65 kg	73 kg

Air purifiers

Family of air purifiers of three different sizes. They act on the stale air in any room, eliminating dust, dirt and germs.
After the treatment, the air is much cleaner and more breathable.
It should be emphasized that poor air quality favors the appearance of diseases, especially of a respiratory type.

The purification process begins with a battery of filters of three different levels: bacterial HEPA, activated carbon and photocatalytic. Subsequently, a high-performance UV lamp continues the cleaning work.
* **Purification is completed with ionization and the possibility of activating an ozone generator.** After the treatment, we can speak of a highly purified and quality air. There are three different sizes depending on the volume of the room to be treated.

Purifier 25 m²
Ref. 100510

Purifier 30-35 m²
Ref. 100512

Purifier 60-70 m²
Ref. 100514

	Ref. 100510	Ref. 100512	Ref. 100514
Height	303 mm	536 mm	570 mm
Width	329 mm	360 mm	370 mm
Depth	170 mm	206 mm	265 mm
Weight	4 kg	6,3 kg	8,5 kg
Power	36 W	45 W	72 W
Noise	≤40 dB(A)	≤45 dB(A)	≤45 dB(A)
Purificated volume	150 m^3/h	280 m^3/h	560 m^3/h
Recommended purification area	25 m^2	30-35 m^2	60-70 m^2
3-level filtration (HEPA, activated carbon, catalytic)	yes	yes	yes
UV cleaning + Ionization	yes	yes	yes
UV lamp frecuency	254 nm	254 nm	254 nm
Ozone generator	yes	yes	–
Remote control	yes	yes	yes
Indicators of: temperature, humidity, air quality, filter change	no	yes	sí

MESTRA®

UV cabinets

Family of UV sanitizers of three different sizes.
The effectiveness of ultra violet rays is known to eliminate germs from any surface.
In the field of hygiene, they are widely used in different sectors: the elements to be sanitized are introduced into the chamber where they will be subjected to UV light for a defined time.
After the process, a good part of the microorganisms present will have disappeared.

- **Ref. 100500:** Ideal for small objects such as mobile phones, masks, key rings, coins, jewelry, etc.
  Highly recommended for personal use.
  With drying function through heating resistance.

- **Ref. 100502:** Medium-sized.
  Its camera allows to process the same type of articles as the previous model, but in greater quantity; or if you prefer, larger objects. Ideal for clinics and laboratories.

- **Ref. 100504:** The interior of the cabinet is made entirely of easy-to-clean stainless steel.
  Contains 10 levels of trays in which instruments can be stored.
  The deposited elements will be subjected to the action of UV rays.

SPECIFICATIONS

Reference	100500	100502	100504
Height	120 mm	300 mm	500 mm
Width	296 mm	290 mm	350 mm
Depth	195 mm	200 mm	260 mm
Weight	1 kg	4.5 kg	8 kg
Power supply	110~240 V, 50 Hz	220 V, 50 Hz	220 V, 50 Hz
Power	150 W	4 W	15 W
Timer	10 min.	0-60 min/continuous	0-999 min

Purifier / Nebulizer Ref. 100520

High efficiency purifier-nebulizer device, capable of atomizing the disinfectant solution creating a very fine mist that penetrates every corner.

- The droplet size can be adjusted, as well as the jet launch distance.
- Using the appropriate products, it is possible to efficiently disinfect large surfaces in just a few minutes (up to 100 m^2 in just 10 minutes).
- Its 5 l tank. allows spraying many square meters on a single charge.
- The reduced weight of the nebulizer - about 3 kg -, together with the practical banner tape that is included, allows a comfortable, efficient and safe use.
- The device is essential to disinfect medium-sized surfaces.

SPECIFICATIONS

Height	250 mm
Lenght	570 mm
Width	335 mm
Weight	2.7 kg
Power supply	230 V / 50 Hz
Power	1000 W
Tank	5 l.
Spray volume	470 ml/minute
Droplet size	Adjustable: 100 - 150 µm
Effective range	Adjustable: 3-8 m

Calypso ultrasonic cleaner

Ref. 080422

The "Calypso" model is a last generation Ultrasonic Cleaner that includes the latest innovations: Sandwich type transducers, with 100 W real power transmitted to the tank; working frequency of 40 KHz., representing an optimum compromise between sonority and cleaning power; electronic time control run by a microprocessor, with digital display and warning acoustic signals; automatic heating system of the cleaning liquid; high density polyurethane body, a material resistant to chemical agents; tank of 4 litre capacity and waste pipe; etc. All these characteristics are complemented by an attractive line of careful design. The machine is supplied with the following accessories:

- A stainless steel basket for equipment cleaning.
- A glass for cleaning of little instruments and its support.
- A lid that eliminates the noise while working and prevents dirt coming into the cleaner.
- Ref. cleaner tweezers **(MESTRA Ref. 070520)**.

Ref. 080422-26 Optional
Long basket (not included)

SPECIFICATIONS

Height	220 mm
Width	425 mm
Depth	270 mm
Weight	4,5 kg
Tank capacity	4 l.
Voltage	230 V. 50/60 Hz
Transducer power	100 W
Frequency	40 khz

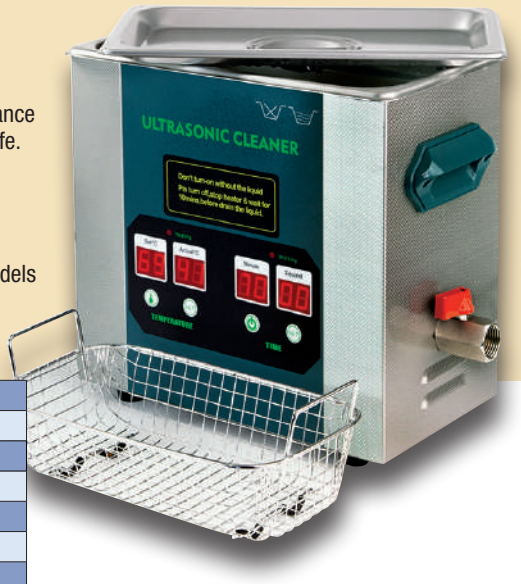
(L) 420 x (W) 360 x (H) 300 mm — 9,000 kg

Ultrasonic bath: 5.8, 2.8 l.

Inox

Ref. 100152

Ref. 100150



Made of stainless steel: high resistance to wear and tear and long service life.
Easy-to-use digital time control.
It has a drain on the side.
Time from 1 to 99 minutes.
Temperature from 1 to 80ºC.
Suitable for cleaning 3D printed models with resin.

	Ref. 100152	Ref. 100150
Height	295 mm	240 mm
Width	385 mm	315 mm
Deph	180 mm	165 mm
Weight	5.400 kg	3.980 kg
Tank Capacity	5.800 ml	2.800 ml
Voltage	230 V 50/60 Hz	230 V 50/60 Hz
Power Ultr.	180 W	120 W
Heating power	200 W	100 W
Frequency	40 Khz	40 Khz

MESTRA®

Ultrasonic bath 2.5 l. Ref. 100140

Very comfortable and practical for cleaning small objects in the Dental Laboratory and Clinic. 2.5-litre capacity tank. It has a heating system and an electronic timer. The equipment is supplied with a protective plastic tray.

Voltage	220-240 V 50/60 Hz
Power	80 W
Capacity	2500 ml
Frequency	35 khz

204 mm × 243 mm × 314 mm — 3,073 kg

(L) 360 x (W) 275 x (H) 240 mm — 3,500 kg

Ultrasonic bath, 3 l. Ref. 100142

NEW

234 mm × 193 mm × 385 mm — 3,6 kg

For cleaning small objects in the laboratory and dental practice. With detachable cable, drain valve and hose. Includes plastic protective basket and drain hose.

Voltage	220-240 V	Capacity	3000 ml
Power	150 W	Frequency	36 kHz

Ultrasonic bath 1.4 l. Ref. 100141

Essential machine in both Dental Lab and Clinic. Real power of 60 W. that guarantees an excellent cleaning power. It has an electronic timer with 7 segments display.

Voltage	230 V 50/60 Hz
Power	60 W
Capacity	1400 ml
Frequency	42 khz

162 mm × 240 mm × 225 mm — 1,943 kg

(L) 430 x (W) 270 x (H) 270 mm — 2,500 kg

Ultrasonic baths

(mini) **Ref. 100144**

(for denture cleaning) **Ref. 100160**

120 mm × 178 mm × 120 mm — 0,700 kg

Voltage	230 V 50/60 Hz
Power	21 W
Capacity	140 ml
Frequency	42 khz

Batteries not included

75 mm × 85 mm × 90 mm — 0,178 kg

Voltage: 2 batteries AA

Distiller / Decalcifier Ref. 100210

Simple and practical appliance. Simply fill the tank with tap water to get 4 litres of distilled water in around 5 hours. Totally automatic and silent operation. The cleaning of the tank is easy and quick. The water produced is very pure (between 2 and 10 mg/ litre of solid residue) and can be used in a large number of applications in the dental clinic and laboratory (autoclaves, creation of compounds, steam generating machines, etc.). The appliance is supplied with a 4-litre PVC tank, a set of activated carbon filters and a can of citric acid to clean the tank. IMPORTANT- The water supplied for the appliance is "DISTILLED". However, it cannot be used for syringes, vials, cleaning wounds and generally any surgical application that requires TRI-DISTILLED purity.

Distiller cleaner refill (500 g.) **R-100210-01**

Spare still filters (6 u.) **R-100210-02**

365 mm × 280 mm × 250 mm — 3,500 kg

Voltage	230 V 50/60 Hz
Power	580 W
Capacity	4 l.

(L) 285 x (W) 285 x (H) 400 mm — 5,068 kg

Tank for distilled water Ref. 080620

A tank specially designed for the storage and supply of distilled water under pressure in the dental sector.

Before filling the rank, it must be properly cleaned and sterilized. Do not use detergents containing hydrochloric acid, hypochlorous acid, etc.

Work pressure: 5 bar
Conection: Ø 6 mm pipe.

Made of stainless steel.
With a pressure regulator and a **double safety valve.**

SPECIFICATIONS

Height	680 mm
Width with pressure regulator	255 mm
Diameter	225 mm
Weight	4.7 kg
Capacity	18 litres

Automatic bag sealer Ref. 080435

- 7” touch screen with indications.
- Quick heating system for a perfect seal.
- The sealing temperature can be regulated by the user.
- Its integrated printer allows marking the obtained records, for a correct traceability, both in the clinic and in the laboratory.
- In accordance with standards ISO11607-2: 2006 and EN868-5-2009

Sealing speed	10 m/minute
Temperature	60-220°C
Sealing pressure	86 N
Power	500 W
Dimensions	635 x 240 x 200 mm
Weight	17 kg

Opcional roller Ref. 080436

Coils not included

Bag sealer Ref. 080433

Simple and nice looking bag sealer. Despite its small size, it has a sealing length of 305 mm and a sealing width of 12 mm. These features are similar to those of sealers of much higher cost. It is ideal for the dental clinic.

(L) 500 x (W) 415 x (H) 245 mm	8.7 kg

Height	210 mm
Width	430 mm
Depth	335 mm
Weigth	6.5 kg
Voltage	230 V 50/60 Hz
Power	100 W

Sterilization rolls

Ref. 080441	5 cm x 200 m
Ref. 080442	7.5 cm x 200 m
Ref. 080443	10 cm x 200 m
Ref. 080444	15 cm x 200 m

Ref. 080445	20 cm x 200 m
Ref. 080446	25 cm x 200 m
Ref. 080447	30 cm x 200 m

Class I medical device (MDR 2017/745) Conforming to standards ISO 11607-1:201 and EN 868-5:2009

Self-sealing sterilization pouch

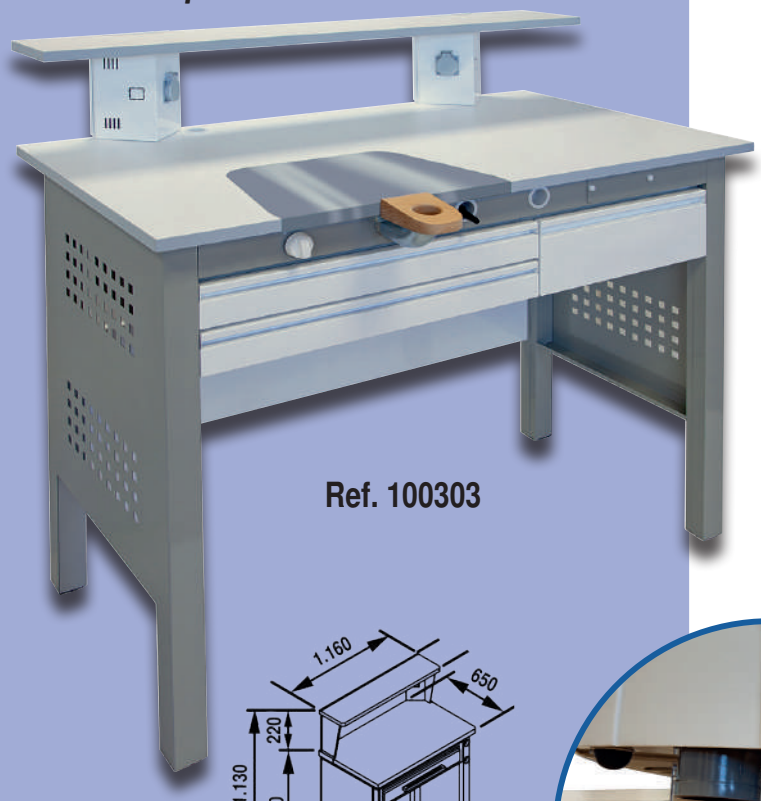
New bags 5×9 cm The smallest on the market!

200 units per package

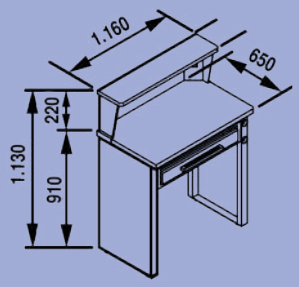
Ref. 080448	5 x 24 cm
Ref. 080449	7 x 26 cm
Ref. 080450	9 x 26 cm
Ref. 080451	5 x 9 cm
Ref. 080452	14 x 28 cm

Ref. 080454	19 x 36 cm
Ref. 080456	25 x 40 cm
Ref. 080457	30 x 40 cm
Ref. 080458	30 x 45 cm
Ref. 080459	5.7 x13 cm

Made in Spain



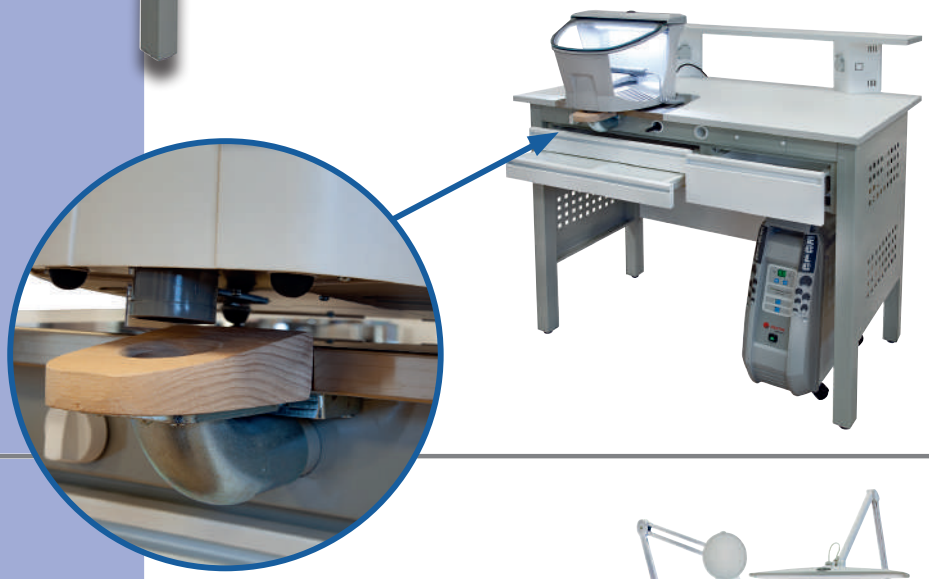
Ref. 100303

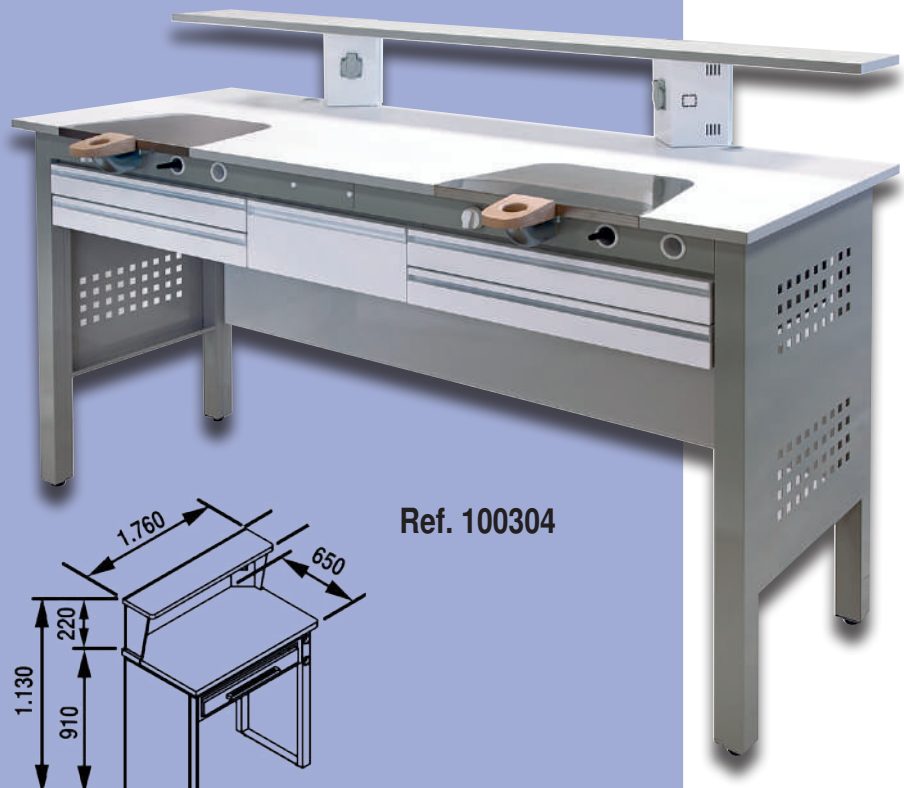


Tables for 1 and 2 workstations

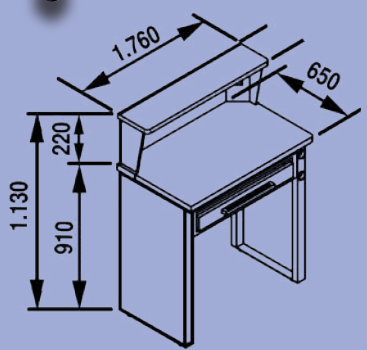
Very high quality work tables. Assembly is simple. They have all the elements and accessories for work in dental environments: plugs, shelf / shelf, drawers, stainless steel work tablecloth-dolly, air blower, etc. They also come with a pre-installation for a gas burner. They also incorporate a practical chipper that fits perfectly with the **Orión work box (Ref. 080214 from MESTRA),** forming a compact and fully integrated set.
The dimensions and geometries allow the easy incorporation of other **MESTRA** products (Eolo Aspiration, micromotors, curing lights, etc.), creating an ergonomic and highly productive work environment.

(L) 720 x (W) 520 x (H) 1350 mm | 70 kg





Ref. 100304



	Ref. 100303	Ref. 100304
Height	910 mm	910 mm
Width	1160 mm	1760 mm
Depth	650 mm	650 mm
Weight	55 kg	80 kg
Conection	220 V	220 V

(L) 720 x (W) 520 x (H) 1940 mm | 96 kg

MESTRA®

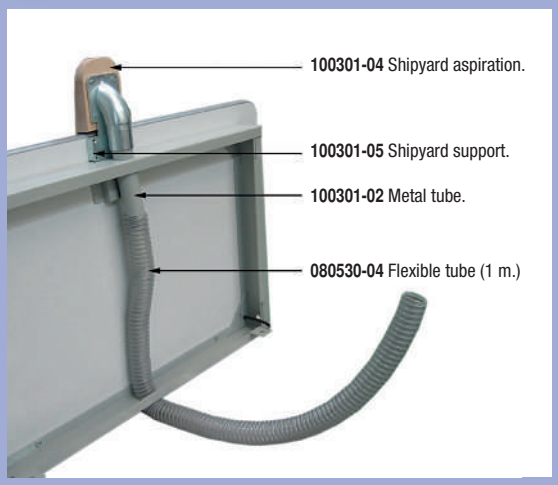
Finishing table

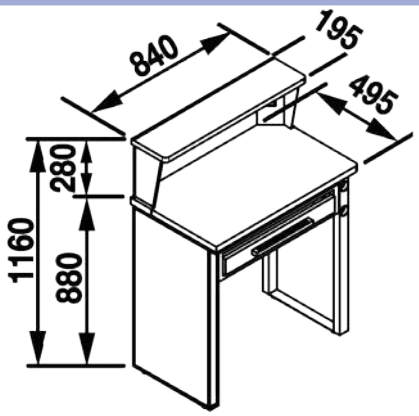
Ref. 100301

Made in Spain

Metal work table with wooden worktop.
Assembly is simple.
They have all the elements and accessories for work in dental environments: 2 sockets, shelf, drawer, etc.

(L) 900 x (W) 600 x (H) 660 mm | 46,000 kg





(Kit) Finishing table **Ref. 100301 K2**

- Metal table, wood worktop.
- Chair for workstation.
- Poloshing lathe + 2 trays.
- Micromotor.
- LED lamp.

GIFT:

* Magnifying glass.
* Magnet bur holder.

Chair for workstation
wheels with safety brake
(EN 1335-2:2009)
Ref. 100300

(L) 950 x (W) 610 x (H) 100 mm | 63,000 kg

MESTRA®

Work chairs

Work chairs specially designed for the dental laboratory. Comfortable, ergonomic and easy to clean. Allow 1 seat height adjustment. The material used is spongy polyurethane in black.

	Ref. 100297	Ref. 100298
Max. seat height	660 mm	555 mm
Min. seat heigh	460 mm	420 mm
Seat dept	450 mm	450 mm
Seat widt	460 mm	460 mm
Weight	9 kg	8 kg

Work chair

Ref. 100299

4 different regulations allowed:seat height and inclination and backrest height and angle of inclination.

Max. height	555 mm
Min height	420 mm
Depth	450 mm
Width	460 mm
Weight	10.3 kg

Wheels with safety brake (EN 1335-2:2009)

Work chair

Ref. 100300

4 different regulations allowed: seat height and inclination and backrest height and angle of inclination.

Wheels with safety brake (EN 1335-2:2009)

Max. seat height	515 mm
Min. seat height	390 mm
Seat depth	420 mm
Seat width	420 mm
Weight	9 kg

(L) 610 x (W) 610 x (H) 325 mm | 10.5 kg

Electric mobile trolley

Ref. 100307

Made of steel sheet and enameled in white.

3 trays of 290 x 396 mm.
3 sockets to power the equipment.
4 wheels with smooth and balanced movement.
Weight supported per tray: 5 kg

785 mm / 405 mm / 490 mm — 11 kg

(L) 430 x (W) 520 x (H) 860 mm | 12 kg

Electric mobile trolley

Ref. 100305

Made of steel sheet and enameled in white.
3 trays of 40 x 30 cm.
2 sockets to power the equipment.
4 wheels with smooth and balanced movement.

780 mm / 400 mm / 418 mm — 12,500 kg

(L) 510 x (W) 420 x (H) 840 mm | 15 kg

Electric mobile trolley

Ref. 100306

Made of steel sheet and enameled in white.

3 glass trays.
2 sockets to power the equipment.
4 wheels with smooth and balanced movement.

770 mm / 370 mm / 490 mm — 20 kg

(L) 575 x (W) 560 x (H) 845 mm | 25,5 kg

Electric mobile trolley

Ref. 100309

Electric mobile trolley with wheels for the dental clinic. Made of resin and steel sheet enameled in white.

3 sockets to power the equipment.
3 drawers.
1 power sockets.
White colour.
Smooth glide.

800 mm / 400 mm / 480 mm — 20 kg

(L) 480 x (W) 540 x (H) 840 mm | 21 kg

Electric mobile trolley

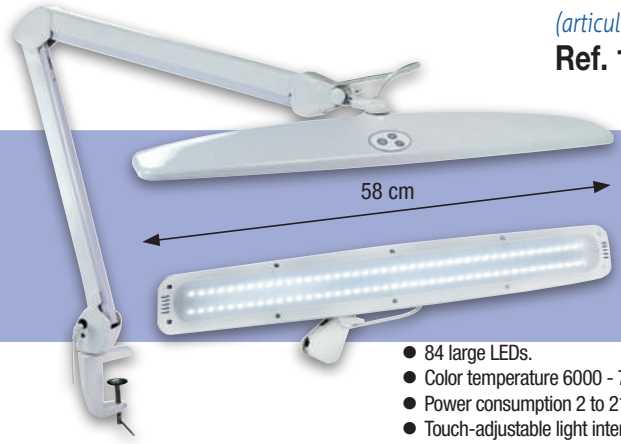
Ref. 100308

Made of steel sheet and enameled in white.
3 trays of 290 x 396 mm.
3 sockets.
1 drawer.
4 wheels with smooth and balanced movement.
Weight supported per tray: 5 kg

785 mm / 405 mm / 490 mm — 15 kg

(L) 430 x (W) 520 x (H) 860 mm | 16 kg

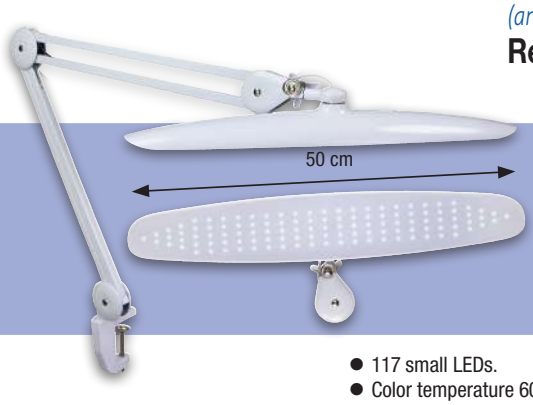
LED lamp
(articulated arm)
Ref. 100288



- 84 large LEDs.
- Color temperature 6000 - 7000 K
- Power consumption 2 to 21 W
- Touch-adjustable light intensity
- Free of Flicker effect
- With clamp for fastening to the table
- Highly resistant articulated arm

(L) 760 x (W) 285 x (H) 120 mm | 2.9 kg

LED lamp
(articulated arm)
Ref. 100290



- 117 small LEDs.
- Color temperature 600 - 6000 K
- Power consumption 6 to 24 W
- Free of Flicker effect
- With clamp for fastening to the table

(L) 680 x (W) 220 x (H) 130 mm | 2.6 kg

LED lamp
(articulated arm)
Ref. 100289

NEW

- 90 large LEDs
- Color temperature 6000 - 7000 K
- Touch-adjustable light intensity
- With clamp for fastening to the table

(L) 555 x (W) 420 x (H) 75 mm
2,9 kg

Magnifying glass with LED lamp
(3 diopter lens) **Ref. 100287**
(5 diopter lens) **Ref. 100287-5x**

- 90 white LEDs
- 3 - 5 diopter lens
- Ø 120 mm lens
- Clamp to fix it to the table

(L) 540 x (W) 255 x (H) 110 mm | 3 kg

Accessories
for lamps and magnifying glass
Ref. 100287 - 100287-5X - 100288 - 100290

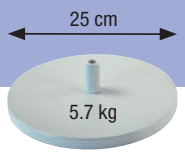
Ref. 100288-02
(Clamp support)

NEW

Ref. 100288-04
(Screwable table support)

Ref. 100288-03
(wall bracket)

Ref. 100288-10
(Lamp base)



Ref. 100288-07
(Desktop stand)

LED lamp
(flexible arm)
Ref. 100286

(L) 540 x (W) 255 x (H) 110 mm | 3 kg

Working lamp

Waldmann W

MODEL: HX 35 TM
Ref. 110035 (6.000 Lux)

(L) 635 x (W) 210 x (H) 130 mm
2 kg

MAGNIFYING GLASS WITH LIGHT
MODEL: RLL 122T
Ref. 110122 (22 W)

(L) 920 x (W) 345 x (H) 120 mm
4,5 kg

Resin mixer
Ref. 150130

Agitation device of resin bottles. Double movement, rolling and swing, so the mixing action is smooth and highly efficient. The characteristics of the resin are not altered due to an excessively energetic movement. A homogeneously mixed resin is indispensable to get an excellent print job. The machine is silent and has a speed regulator.

Height	103 mm
Width	253 mm
Depth	480 mm
Weight	3.12 kg

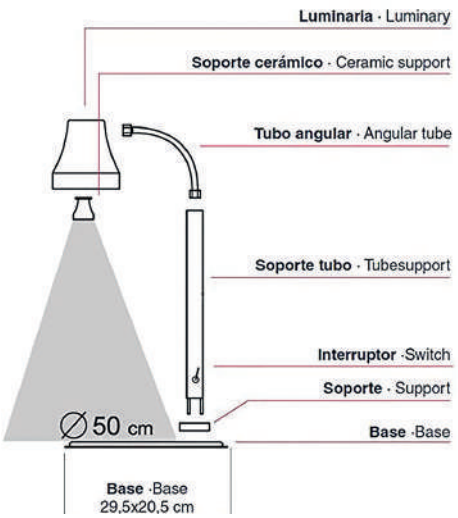
Curing light Sun Beam 3D
Ref. 150120

Height	250 mm
Width	300 mm
Depth	300 mm
Weight	6 kg
Wavelength	LED 400 - 405 nm
Useful dimensions	Ø260 x 140 mm

Min. height	560 mm
Max. height	705 mm
Width	350 mm
Depth	380 mm
Weight	1.15 kg
Material	Aluminio
Power supply	220-240 V 50-60 Hz
Power	275 W

Lamp for zirconia drying Ref. 100030

The Mestra zirconium drying lamp is an infrared lamp with thermal radiation. It is used to dry the zirconia structures after immersion in the coloring liquid, to avoid corrosion of the sintering furnace resistances due to the acid contained in the liquid. The drying time of the frameworks depends on the type of framework. For bridges up to 5 elements, a drying time of 45 minutes is recommended. For bridges from 5 elements, 90 minutes. Lamp made of aluminum.
It is advisable to keep the lamp 45-53 cm away from the material.



MESTRA®

MESTRA® by CEDU.3D

Ref. 150100

MagicEye is a scanner especially designed for use within the industry dental. Its **powerful and intuitive** software incorporates a modern and extensive set of commands, as well as being fully compatible and integrable with 3D dental design applications, which gives it great versatility.

Method	Contactless scanning
Precission	<10 µm
Speed	6 sec. bite scan 9 sec. lower/upper jaw scan
Weight	5 kg (no power supply and accessories)
Camera resolution	2 x 1,3 MP
Room temperature	10 - 30ºC
Power supply	230 V 24 VDC
Output format	STL
Light source	Azul

ACCESSORIES INCLUDED WITH THE SCANNER

Accessories	Model	Poupose	Accessories	Model	Poupose
Multi-die jig **Ref. 150100-01**		After filling the hole with plasticine, it can be used for inserting the abutment teeth	General bock jig **Ref.150100-07**		Used for calibration, scanning model, impression and die
Gum jig **Ref. 150100-02**		Used for fixing both upper and lower jaw on fixture through rubber band or BluTack	Clamp jig **Ref. 150100-08**		Used to fixing both upper and lower jaw on fixture through an adjustable clamp.
Articulator jig **Ref. 150100-03**		Used for model scanning	Articulator plate **Ref. 150100-09**		For articulator scanning.
Calibration board **Ref. 150100-04**		For calibrating the scanner	Power source **Ref. 150100-10**		Power source AC 230 V. DC 24 V.
2 Base jigs **Ref. 150100-05**		Used for fixing both upper and lower jaw on fixture through rubber band or BluTack	USB key **Ref. 150100-11**		To enable the use of software.
Impression jig **Ref. 150100-06**		For impression scanning	Scan spray **Ref. 130355**		Indispensable to achieve an optimal scan, increasing the resolution in the worst reading areas.

Very fast scan

High accuracy

High resolution scan

Buying and after-sales experience

Installation

Once the scanner has been received, one of our official distributors will accompany you throughout the installation process of the scanner and its accessories.

After sales

The warranty is 1 year. You can choose from several after-sales service options (Basic, Advanced, and Professional).
For this, we have the collaboration of **ExoDesign Dental** (Company specialized in digital flow and CAD-CAM training).

Training

The final price of the scanner includes a training valued at 300 €, taught by **ExoDesign Dental**. Throughout the start-up process, you will be accompanied by one of our official distributors

Spray for laboratory *scanner*

Ref. 130355

Indispensable to achieve an optimal scan, increasing the resolution of the areas with the worst reading in a model. Color and texture have been formulated to be very sharp at the lighting frequencies commonly used by dental scanner projectors. Drying times are extremely fast, which improves productivity. Debris sprayed on unwanted surfaces can be easily cleaned. The package contains 200 ml.

European Directives

European Directives set “essential requirements” for the safety of persons and goods to protect users and the environment. Our products are affected by four Directives:

- Directive 2014/35/UE, known as the “Low Voltage Directive”.
- Directive 2006/42/CE, known as the “Machines Directive”.
- Directive 2014/30/UE, known as the “Electromagnetic Compatibility Directive (CEM)”.
- Directive 93/42/CE, known as the “Medical Devices Directive”.

Our products meet the requirements of the Directives which affect them, and bear the CE mark as proof of compliance. We are at the disposal of our customers to provide any information they may require on this matter.

The manufacturer reserves the right to modify he products without previous notice

MESTRA®

Anodizing unit

Solution of water (600 ml) and sodium bicarbonate (20 g)

Ref. 100295

This device allows you to process titanium dental elements quickly, easily and economically. The results are comparable to products belonging to a much higher category.

- ✓ Corrosion resistance.
- ✓ Wear resistance.
- ✓ Better adhesion and surface finish.
- ✓ Less release of metal ions.
- ✓ It works with a solution of water and sodium bicarbonate.

Dimension 207 x 245 x 160 mm
Weight: 2,73 kg
Voltage: 10~65 V
Power supply: AC220~240 V, 50/60 Hz
Power: 100 W
Anodizing time: 5 secons

Appearance:
The anodic layer can be colored with different shades, giving the titanium a more attractive appearance than the original taupe.

Aspirations Sirocco

The modular nature of this range of aspiration units, provides solutions for clinic and laboratory, allowing the user to choose unit size, arm type, filtering system, etc.

The S model incorporates two stages of HEPA filtration. (high efficiency particle filter). Besides, an external micromotor detection system and power adjustment in seven levels are also included.

The M and L models are sturdy aspirations, silent and highly reliable. The M is practical for use under the work table and the L (with a big capacity) for CAD/CAM aspiration systems. They incorporate an external connection to a micromotor and a milling machine that will allow to work synchronously with the unit.

- ✓ Motor de inducción (sin escobillas)
- ✓ Induction motor (brushless).
- ✓ Amazing suction power.
- ✓ Efficient low noise aspiration (55 dB).
- ✓ Easy removal and cleaning of the filters.

Sirocco S specifications

Height 135 mm • Width 280 mm • Depth 280 mm • Weigth 3.1 kg • Power 350 W

Sirocco M specifications

Height 580 mm • Width 290 mm • Depth 330 mm • Weigth 11 kg • Power 800 W

Sirocco L specifications

Height 800 mm • Width 290 mm • Depth 330 mm • Weigth 13 kg • Power 800 W

Sirocco S with clinical working box

Ref. 080534AC

Sirocco M with flexible tube

Ref. 080536D1

Sirocco L with flexible tube

Ref. 080537D

Sense A7 - *Induction*

Ref. 100230

- ✓ Brushless motor.
- ✓ Manual or pedal speed control.
- ✓ Displayed speed.
- ✓ Right & Left turning ability.
- ✓ Overload protection function.
- ✓ Fault warning function.

Specifications
Dimension 185 x 175 x 128 mm
Weigth: 4,27 kg
Maximum speed: 55000 rpm
Torque: 8.5 N·cm
Power: 240 W
Output voltage: 0~36 V
Handpiece weight: 230 g

Sense A3 - *Brushes*

Ref.: 100238 (white)

- ✓ Motor with brushes.
- ✓ Manual or pedal speed control.
- ✓ ON/OFF pedal.
- ✓ Displayed speed.
- ✓ Right & Left turning ability.
- ✓ Overload protection function.
- ✓ Fault warning function.

Specifications
Dimension 147 x 120 x 88 mm
Weigth: 1,15 kg
Maximum speed: 35000 rpm
Torque: 3.0 N·cm
Power: 70 W
Voltage: 0~33 V
Handpiece weight: 215 g
Diámetro fresas: Ø2.35 mm

Also available
in graphite color
(ref.: 100240)

Sense A6 - Induction

Ref.: 100232 (white)

- ✓ Brushless motor.
- ✓ Manual or pedal speed control.
- ✓ Automatic speed maintenance function.
- ✓ High/Medium/Low speed.
- ✓ Displayed speed.
- ✓ Right & Left turning ability.
- ✓ Overload protection function.
- ✓ Fault warning function.

Specifications
Dimension 246 x 162 x 102 mm
Weigth: 2,47 kg
Maximum speed: 55000 rpm
Torque: 8.0 N·cm
Power: 230 W
Voltage: 0~36 V
Handpiece weight: 240 g

Also available in graphite color **(ref.: 100234)**

Prime 221 - Induction

Ref.: 100236

- ✓ Brushless motor.
- ✓ Manual or pedal speed control.
- ✓ Displayed speed.
- ✓ Right & Left turning ability
- ✓ Overload protection function.
- ✓ Fault warning function.

Specifications
Dimension 191 x 130 x 90 mm
Weigth: 2,8 kg
Maximum speed: 50000 rpm
Torque: 5.8 N·cm
Power: 120W
Voltage: 0~36 V
Handpiece weight: 205 g

TITAN 8 (ref. 100202)

Is the first option.
Distilled Water is loaded directly into the boiler.

TITAN AUTOFILL (ref. 100203)

It also has a pump to suck distilled water from an external bottle.

- ✓ Made of stainless steel with high quality components.
- ✓ Digital pressure switch.
- ✓ Full and lack of water indicator.
- ✓ Connection cable with built-in differential switch.
- ✓ Drain tap with safety lock.

Specifications 100202 and 100203
Height 36 cm
Width 27 cm
Depth 42 cm
Power 2200 W
Voltage 220 V, 50/60 Hz
Presión 8 bar
Weigth 12,5 kg
Boiler 3 L

NEW

Ref. 100202

NEW

Ref. 100203

Professional use

Aditional Information: 100202, 100203, 100204

They are supplied with the following accessories:

- ✓ Power cord with built-in protection.
- ✓ Fine and long replacement nozzle.
- ✓ Replacement safety cap and 2 gaskets.
- ✓ Funnel and measuring cup (300 ml).

In models with direct connection to the water intake:

- ✓ Necessary hoses for water inlet/outlet connection.

Ref. 100202	Ref. 100203	Ref. 100204
✓ Manual filling.	✓ Manual filling. ✓ Autofill without previous cooling **(external bottle).**	✓ Manual filling. ✓ Autofill without previous cooling **(integrated tank).** ✓ Direct water net connection.

TITAN PLUS (ref. 100204)

Also has an internal tank for distilled water storage. You can load water into this extra tank without having to turn off the machine and wait for the pressure inside the boiler drops. Simply open the auxiliary tank cap and pour more water when you need it.

Safer and without interruptions.

Specifications 100204
Height 38 cm
Width 37 cm
Depth 45 cm
Power 2600 W
Voltage 220 V, 50/60 Hz
Presión 4 - 8 bar
Weigth 18 kg
Boiler 3 L
Auxiliary tank 2 L

NEW

Professional use

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MESTRA

Txorierri Etorbidea, 60. 48150 Sondika (España)
+34 944 530 388 | info@mestra.es | www.mestra.es

TÜVRheinland CERTIFICADO
Sistema de Gestión ISO 9001:2015
www.tuv.com ID 1100018003