

VARIOstar K50/T50



VARIOstar K50/T50

*The all-purpose handpiece for the modern dental laboratory
- unbeatable in quality and price!*

VARIOstar Handpiece



Performance

Stable torque through the entire speed range, simple operation and good solid performance make this handpiece a reliable and down-to-earth partner for your dental laboratory.

Optimal service

Long working life, minimal downtime, low service costs and service direct from the manufacturer.

100% compatible with your suction system

We guarantee 100 % compatibility with your existing suction system. Regardless of the brand you use, just connect and work clean - handpiece recognition is guaranteed to work.

Lifetime guarantee

Brushless handpiece - Lifetime warranty on the armature and winding, 12-month warranty on all consumable parts.

Ergonomic

The **VARIOstar** handpiece is easy to grip, comfortable and supports fatigue-free work.

Compatible with C2 series Profi/Master

The control units **K50/T50** and the **VARIOstar** handpiece are both compatible with C2 Profi/Master.

Made in Germany

Electronics from Zubler are synonymous with long life and quality. Place your trust in our good name.

Knee control or tabletop unit

Select your appropriate control unit.

- Knee control unit
- Tabletop unit

Precision, innovation, long life and high quality!

These terms describe an image of outstanding technology. Every day we strive to make these terms synonymous with the Zubler reputation.

More than 35 years of experience in the development of micro-motors including controllers (hardware and software) are the basis for the newly developed VARIOstar K50/T50 – the all-purpose handpiece for dental laboratories.

Reliability and ease of service should not be taken for granted. As a mid-sized, owner-managed enterprise, we understand the importance of sustainable production. That is why we offer quick affordable service directly to our clients.



VARIOstar K50

Knee Control Unit

The new **VARIOstar K50** knee control unit offers a simple and ergonomic solution for the daily routine in the laboratory.



Ease of use for your daily routine in the laboratory

- Simple input of rotation speed via keyboard
- Clear start-up signal for all suction units available on the market
- Easy to read, continuous rotation speed indicator on the knee control device
- Left-hand/right-hand rotation up to 50.000 rpm.
- Large knee travel for minimal speed jumps

More than 35 years of experience in the development and production of electronic control systems are the basis for incredible solid performance, stable torque in the complete speed range and easy handling.



VARIOstar T50

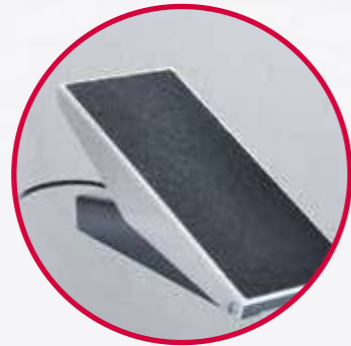
Tabletop Control Unit

The all-purpose **VARIOstar T50** is available with 3 different control systems:

- Knee control
- Foot control
- Foot control lever



Knee control



Foot control



Foot control lever



Precision, innovation, long life and high quality!

The newly developed **VARIOstar T50** tabletop control unit offers a simple and ergonomic solution for the daily routine in the laboratory.

- Simple input of rotation speed via speed knob
- Clear start-up signal for all suction units available on the market
- Easy to read, continuously variable rotation speed indicator on the tabletop control unit
- Left-hand/right-hand rotation up to 50.000 rpm
- Speed control / cruise control
- Freely selectable, maximum achievable speed programmable via safety switch
- Compact newly designed control unit

The all-purpose handpiece system
– unbeatable in quality and price!



Bur holder

Speed knob

To set the desired maximum speed.

Safety switch

Display left-hand rotation

Display speed control

Display safety switch

Digital speed display

Easy to read and continuously variable.

On/Off switch





Knee pedal
(can be mounted on right or left)

Large knee travel
for minimal speed jumps

System-Variants:

804 - 3112 **VARIOstar K50**
Knee control unit 220 V - 240 V

804 - 3111 **VARIOstar K50**
Knee control unit 115 V

Contains:

804 - 3012 Knee control unit 220 V - 240 V or

804 - 3011 Knee control unit 115 V

804 - 3002 Handpiece with chuck Ø 2,35 mm



804 - 3152 **VARIOstar T50**
Tabletop unit with Foot pedal 220 V - 240 V

804 - 3151 **VARIOstar T50**
Tabletop unit with Foot pedal 115 V

Contains:

804 - 3052 Tabletop control unit 220 V - 240 V or

804 - 3051 Tabletop control unit 115 V

804 - 3002 Handpiece with chuck Ø 2,35 mm

804 - 1016 Foot pedal



804 - 3162 **VARIOstar T50**
Tabletop unit
with Foot control lever left/right 220 V - 240 V

804 - 3161 **VARIOstar T50**
Tabletop unit
with Foot control lever left/right 115 V

Contains:

804 - 3052 Tabletop control unit 220 V - 240 V or

804 - 3051 Tabletop control unit 115 V

804 - 3002 Handpiece with chuck Ø 2,35 mm

804 - 1015 Foot control lever



804 - 3172 **VARIOstar T50**
Tabletop unit with with Knee pedal 220 V - 240 V

804 - 3171 **VARIOstar T50**
Tabletop unit with Knee pedal 115 V

Contains:

804 - 3052 Tabletop control unit 220 V - 240 V or

804 - 3051 Tabletop control unit 115 V

804 - 3002 Handpiece with chuck Ø 2,35 mm

804 - 1017 Knee pedal (left/right mountable)



804 - 1021
Handpiece stand with digital speed display
for **VARIOstar K50**



AV1000
Preparation Box



Z1-M Series
Single
suction units



Z1 Series
Single
suction units



Z2
Multi
suction unit



Z4
Multi
suction unit



R 2000
Rectangular Pipe

R 2300
Extendable
Rectangular Pipe

R 2200
Suction Funnel
with safety glass



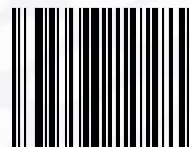


VARIOstar K50

Knee Control Unit & Handpiece



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Technical data:

Length:	162 mm	Variants:	Knee control unit
Weight:	235 g		Tabletop unit with knee pedal
Rated voltage:	AC 100V/115V/230V/240V		Tabletop unit with foot pedal
Rated frequency:	~ 50/60Hz		Tabletop unit with foot control left/right
Speed:	1000-50000 rpm	Right-hand rotation/	
Chuck:	Ø 2.35 mm or optional Ø 3.00 mm	Left-hand rotation:	Yes
Torque:	7,8 Ncm	Warranty:	Lifetime warranty on armature and winding
Power consumption:	max. 270 W		All other parts 1 Year
Protection class:	I		

Subject to technical changes.

Distributed by:



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