

VARIO BALANCE

Dosage Device



VARIO BALANCE



Removing the Problems of Conventional Methodology

The most common problems when incorporating individual elements of Investments and Gypsums are variations in measurement and tolerance stacking. Individual packages of investment are often not precisely measured. Add to this the inaccurate measurement of individual elements due to visual variation, inaccurately calibrated or non-calibrated devices and cylinders, it is no surprise that inconsistencies occur routinely. These problems are removed with the VARIO BALANCE!

Calculating the needed amounts of liquid and water

Investing objects of different sizes and geometries for optimum precision of fit requires a very accurate composition of the investment compound. With the VARIO BALANCE, all that is needed is to run your custom program. The device will guide you through the process of adding the liquids and powder, automatically calculating the amounts required including any adjustment needed if too much or too little of any individual element is added. The display will show the concentrations, amounts and results throughout and at the conclusion of a program. The VARIO BALANCE will also automatically convert the density of the liquid (which can be selected in the settings) to the amount of liquid required!



Calculating powder volumes and required quantities

The VARIO BALANCE calculates and displays the amount of powder to be added into the mixing bowl in relation to the amount of liquid. As the powder is being added, the display continuously shows how much powder remains to be added to obtain the selected expansion value for the investment compound. This approach to weighting ensures maximum precision and reproducibility in preparing rings for casting or pressing and facilitates the use of investments and gypsums from large containers.



Material to use:

0 - Zubler HS	100/25
1 - Zubler HS-PC	200/50
2 - Dr. Smith	100/26
3 - Dr. Miller C/B	100/26
4 - Dr. Miller CER.	100/24

The VARIO BALANCE offers room for individual mixing programs. Fifty memory slots are provided, so you have ample room to sort investment compounds by primary data or individual applications.

2 - Dr. Smith 100/26

Select dilution:

Onlay/Inlay	50%
Gold casting	67%
Ceramic press	80%
Special dilute	??%

Each of these slots will allow you to store three fixed concentrations and one variable concentration of your investment compound.

**Place mixing bowl
on scale**

There is no more need for the timeconsuming and inaccurate and antiquated methods measuring, with the use of inaccurate cylinders that are often not calibrated. The VARIO BALANCE is calibrated and removes the common problems above as well as any visual variations.

Measured liquid:

12.9ml

Powder needed:

99.2g

The stored concentrations for liquid and water are shown at the bottom of the display, informing you of the total amount of powder required.

5.2ml

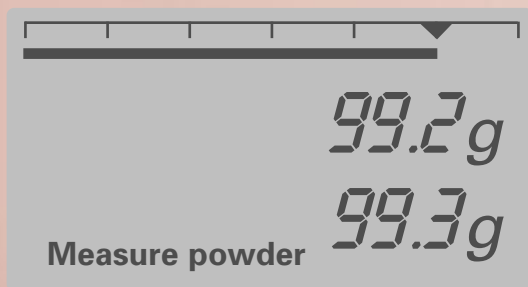
Measure Water *12.9ml*

In the next step, you are prompted to add water. Both a numeric value and a progress bar will guide you through the process until the desired mixture of investment liquid and water is reached.

12.9ml

Measure Water *12.9ml*

When both numeric values coincide, you can start adding the powder.



In the same fashion as previously when the water was added, you can also monitor the progress of adding powder based on the numeric values and the progress bar appearing on the display. Once the required amounts of the various constituents have been added, you can go ahead and mix the investment compound as usual.

2 - Dr. Smith 100/26		
	Target	Actual
Liquid	13.0	12.9
Water	12.9	12.9
Powder	99.2	99.3
Dilution	50%	50%

At the end of the process, the display will present a log of the calculated amounts of each element and the amounts that were actually added.

 **HS**
High Speed Investment for crowns and bridges
 High Speed Investment for crowns and bridges
 High Speed Einbettmasse für Kronen und Brücken
 Revêtement rapide pour couronnes et bridges
 Rivestimento veloce per ponti & corone
 Revestimiento rápido para coronas y puentes

 **160g**

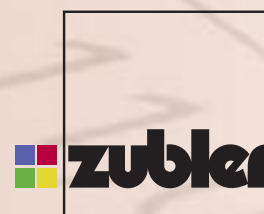
General-purpose investment compound for casting precious and non-precious alloys in dental laboratories. Can be used both in conventional and in high-speed heating.

 **HS-PC™**
High Speed Investment for Pressable Ceramics
 High Speed Investment for Pressable Ceramics
 High Speed Einbettmasse für Presskeramik
 Revêtement rapide pour céramique pressable
 Rivestimento veloce per ceramica pressofusa
 Revestimiento rápido para cerámica prensables

 **100g**

High-performance investment compound for the most demanding laboratory applications. Low expansion and high strength for perfect and consistent results of processing pressable ceramics (including press-to-metal restorations).

Distributed by:



www.zubler.de

Zubler Gerätebau GmbH
 Buchbrunnweg 26
 D-89081 Ulm-Jungingen
 Fon +49(0)731-14 52 0
 Fax +49(0)731-14 52 13

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