

VARIO BALANCE

Eliminates the errors caused by graduated cylinders!



VARIO BALANCE

Fast & Precise dosing for investment, gypsum, acrylic and more!

- **Extremely consistent results**
- **Highly accurate, maximum error rate (< 1%)**



*Minimal effort with maximum accuracy.
„More accurate than the human eye.“*

Precise expansion control

By measuring the liquid and powder directly in the mixing bowl, the results remain consistent every time you dose. You now know the precise contents of the powder and all liquid components. Graduated cylinders are obsolete and investment package accuracy is now revealed.

Consistent results

The current conventional methodology of graduated cylinders, pre-measured packages, inaccurate scales and scaled measuring devices produce error rates in excess of <10%. With the Vario Balance, the error rate is very minimal (<1%). The final result is the ultimate combination of consistency and control for producing higher quality, perfect fits and reduced production time.

Design concepts

The integrated user interface of shatter-resistant safety glass with touch function is not only timeless, it can also be convenient, easy to clean and maintain.

Return on investment

The enormous improvement in quality control and time-savings allow the VARIO BALANCE to pay for itself in a short amount of time!



„The dosage system for the demanding dental lab!“

Klaus Schmidt
Technical Support Specialist



50 customizable programs for investment and gypsum

Many materials that are processed for pressing or casting procedures require precise calculation of multiple components for consistent results. More consistent results can be achieved with an ability to retrieve saved settings and program special dilutions for later use.

Whether a special material that is rarely used or a client that requires a special dilution, the **VARIO BALANCE** can store the detail.

Correct calculation of the required amount of water and Liquid

Objects of differing sizes and geometries must be embedded with precise concentration values to achieve the intended fit. Merely program the device with a value, the **VARIO BALANCE** does all the calculations and guides you step by step through the measurement of the liquids. The amount needed changes on the display as the liquid is added to ensure precise ratios. Pre-mixing and storage of different liquid concentrates is unnecessary.

The **VARIO BALANCE** automatically calculates the required amount of special liquid based on its density setting.

Powder quantity calculation and real-time update

The amount of powder that must be added to the mixing bowl is dependent on the liquids added to the bowl in the previous steps of a program. Once you begin to add powder the display updates the remaining amount needed to attain the desired expansion in real-time. This method of measurement guarantees maximum precision and reproducibility in the preparation of casting and pressing rings. Furthermore it facilitates the use of bulk investment and gypsum materials.



The
VARIO BALANCE
is pretty easy to use!

It's easy!

Material to use:

0 - Zubler 144	100/25
1 - Zubler 144	200/50
2 - Dr. Smith	100/26
3 - Dr. Miller C/B	100/26
4 - Dr. Miller CER.	100/24

2 - Dr. Smith 100/26
Select dilution:

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

Place mixing bowl
on scale

Measured liquid: 12.9 ml
Powder needed: 99.2 g

5.2 ml
12.9 ml
Measure Water

12.9 ml
12.9 ml
Measure Water

99.2 g
99.3 g
Measure powder

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%

The **VARIO BALANCE** offers a **50 program memory** bank for investment and gypsum materials that can be organized by primary data or individual application.

In each program you can save three ratios and utilize a variable ratio as needed.

Time consuming and inaccurate filling in often not calibrated graduated cylinders is no longer necessary. Merely pour liquid, water and powder directly into the mixing bowl.

The amount of powder needed is displayed as liquid is added directly to the bowl, in real-time based on the concentration you stored in the program.

In the next step, you will be prompted to add water. Digital numerical data as well as a progress bar are used to produce the desired mixture of investment liquid and water.

To add water, merely pour directly into the bowl and watch the progress bar. Once the desired level has been reached, it will be time to add the powder.

As with the water, you can control the powder quantity by utilizing the progress bar and digital numerical data. After completion of the measurement process, the mixing process may begin.

Once a program is completed a log is displayed that shows the target and actual quantities measured as well as the actual ratio.

Accessories:



Zubler® 144™

Investment material for all alloys and pressable ceramics.

In crown and bridge technology, the **Zubler 144** investment material brings years of experience to end users all over the world.

The highly liquid consistency and processing versatility allow for problem-free and non-porous casting or pressing. Designed for speed burnout and overnight burnout processes.

- For Lithium Disilicate ceramic
- Ring or ringless technique
- Accurate expansion control
- Exceptional precise fit
- Fine and dense consistency
- Long working time

Contents: 100 x 100 g without Liquid

Item No. 898/2035

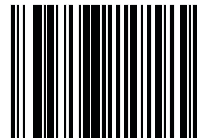
Zubler Investment Liquid for all Zubler investments.

Contents: 1 Liter Zubler Liquid

Item No. 898/204



800216 / 03-2015



Scope of delivery:

- 1 VARIO BALANCE Dosage Device
- 1 Power Supply
- 1 Rubber Cover, black
- 1 User Manual

Technical data:

Dimensions (W x H x D)	170 mm x 75 mm x 215 mm
Weight	1,1 kg
Voltage	100 - 240 V, ~ 50/60Hz, 0,3 A
Output Voltage	9 V
Amperage	500 mA
Power	max. 4,5 W
Weigh range	max. 2,0 kg

Subject to technical changes.

Distributed by:



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