

Motova 100

The economically priced vacuum mixing unit with great performance



An overview of the highlights:

- > For the mixing of investment materials, plaster, stump material and duplicating silicone
- > 100 mbar vacuum output evacuates air bubbles enclosed in the mixing material and prevents, at the same time, the development of boiling bubbles
- > Vacuum mixing bowls are fixed to the agitator coupling by means of a vacuum, this eliminates the cumbersome coupling to the mechanical holding device
- > Transparent vacuum mixing bowls in the sizes 250 to 1200 ml
- > An electronic timer controls the mixing time accurate to the second and the manometer integrated into the front panel of the unit always shows the current vacuum in the mixing bowl
- > Spatula and mixing bowl geometry have each been optimized for the investment and the duplicating silicon processing
- > An attractively designed tabletop stand is available for the use as bench unit

The Motova 100 lets you achieve the desired mixing quality, simply and easily

The Motova 100 has been designed as a wall-mounted unit but it can also be used as a bench device. An attractively designed tabletop stand is available as optional accessory.

The Motova 100 is equipped with a powerful vacuum pump that generates a vacuum of up to 100 mbar, optimal for the elimination of air or boiling bubbles in the mixing material.

The vacuum fixes the mixing bowl on the agitator coupling; the cumbersome coupling to mechanical holding devices becomes obsolete.

With the Motova 100, you can mix all dental materials such as investment materials, plasters, stump materials or duplicating silicones.

Simple and straightforward operation

An electronic time with an adjustable range up to 255 seconds, accurate to the second, controls the mixing duration and shows the remaining runtime in the 3-character digital display. The end of the mixing process is indicated by an acoustic and optical signal. The operating control of the Motova 100 is done with 3 function buttons easy to operate.



Special vacuum mixing bowls with a large capacity

Special attention has been paid to the material-specific requirements of the mixing material when designing the geometry of the spatula and the transparent mixing bowl. Mixing spatula and bowls for investment and plaster as well as duplicating silicone were optimized separately. This avoids undesirable compromises and guarantees optimal mixing quality of the different materials.

Different sizes of mixing bowls are available – 4 sizes for investment materials and plasters, from 250 to 1,200 ml and 3 sizes for silicone, from 550 to 1,200ml. The 1,200 ml mixing bowl allows the mixing up to 800g investment materials – this guarantees the economic use of the Motova 100.

Optimal vacuum and high-torque stirring power

Regardless of the quantity of the mixing material, the rotational speed and the vacuum remain always in the optimal range. The vacuum capacity of max. 100 mbar ensures a reliable bubble-free mixing of the mixing material. The vacuum is generated by a powerful maintenance-free dual-chamber diaphragm pump.

Workplace-specific design

The modern design of the Motova 100 meets the demands of a dental laboratory. The compromise between sturdy and shapely components of metal and plastic has produced a successful design of the unit and will even withstand the high strain of a dental laboratory.



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Technical data:

Height	310 mm
Width	210 mm
Depth	330 mm
Rated voltage	230 V, 50/60Hz
Special voltage	110 V, 50/60Hz
Power at rated voltage 230 V	180 W
Vacuum pump: Pump capacity	20 l/min
Vacuum capacity	approx. 100 mbar
Number of mixing programs	1
Number of programmable sections per mixing program	1
Programmable mixing time	0 to 255 seconds
Stirring speed	330 min ⁻¹
Weight	10 kg



Availability and accessories:

Scope of delivery:

	Order-No.
Motova 100 230 V, 50/60 Hz	26280
with 550 ml vacuum mixing bowl incl. quick-action coupling, wall mount	

Accessories:

Benchtop	16270
Vacuum mixing bowl M 250 ml (investment material and plaster)	16271
Vacuum mixing bowl M 550 ml (investment material and plaster)	16272
Vacuum mixing bowl M 835 ml (investment material and plaster)	16273
Vacuum mixing bowl M 1200 ml (investment material and plaster)	16274
Vacuum mixing bowl MS 550 ml (duplicating silicone)	16275
Vacuum mixing bowl MS 835 ml (duplicating silicone)	16276
Vacuum mixing bowl MS 1200 ml (duplicating silicone)	16277

Subject to modifications in design, scope of delivery and composition. Whether given verbally, in writing or through practical instructions, our process-related data and recommendations are based upon our own experience and trials and can only be regarded as standard values. Status as at: 31.01.08.