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Paraskop® M

The tried and tested multifunctional milling unit for all applications, including the machining of zirconium dioxide

- Milling and drilling of wax and metal, machining of zirconium dioxide with the optional BEGO laboratory turbine
- Milling arm and model table are fixed in place quickly and securely using magnets
- Powerful, maintenance-free, brushless milling spindle with rotatable guide ring
- Runs vibration-free with very high concentricity
- Infinitely variable speed control up to 50,000 rpm and anti-clockwise rotation up to 30,000 rpm ensure sufficient output reserves
- Material-orientated speed preselection via the precisely adjustable digital display
- Fully equipped milling unit for immediate use, including milling spindle, collet chuck with bit stop, foot actuated switch, model table

Partners in Progress

BEGO

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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The milling unit for all materials – including zirconium dioxide

The Paraskop® M sets new standards which even meet the high requirements of ceramic materials. To enable the water cooling of highly sensitive materials such as zirconium dioxide during machining, the new electronics and design of the Paraskop® M are splash-proof.

The advantage for you:

- The accuracy and smooth running of the milling handpiece guarantee the precise milling of shoulders, attachments, telescopic crowns, implant restorations and much more.

Safety and ergonomics

Beyond the basic requirements of the applicable industrial standards, the device has been tested and certified according to the international splash protection rating IP 44. This guarantees that the user can work safely with electrical devices which use water.

Studies on the subject of ergonomics in the workplace have proven that working with a milling unit is most effective when the work area is freely accessible and all necessary controls are arranged directly in the field of vision of the user.

The advantages for you:

- All controls are clearly arranged in front of the user – for optimal ergonomics and fatigue-free working.
- The articulated arm can be swivelled through 235°, thus providing a large radius of action for all milling work.
- The digital display enables precise speed adjustment – for specific and material-orientated machining.
- The cold light LEDs ensure optimal lighting conditions without heating the wax model – for perfect visibility during finishing work.

Maximum precision

The precision ball bearing has microfinished running surfaces and super-honed guide bushes.

The advantage for you:

- Smooth movement of all joints with no backlash, high precision and a long service life

Perfect milling – even with zirconium dioxide

The new Paraskop® M can be converted for water-cooled surface finishing of zirconium dioxide in just a few steps. The turbine (max. 320,000 rpm) runs smoothly even at a high removal rate and thus facilitates wet grinding.

The advantages for you:

- The particularly large water tank (2 l) allows efficient water-cooling during lengthy finishing tasks with no need to refill.
- The BEGO water collection bowl, which can be fixed in place by magnets, also acts as a splash guard.
- It has an integrated drain. Its ergonomic design enables fatigue-free working.

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: 07.10.2009



The micrometer screw of the depth stop enables it to be positioned precisely to within 1/100 mm – a noticeable advantage.



The laboratory turbine can be used with the BEGO splash cabin for trimming ceramics such as zirconium dioxide.

Technical data	
Paraskop® M	
Height x Width x Depth	approx. 480–570 x 290 x 310 mm
Nominal voltage	200–240 V, 50/60 Hz
Special voltages	100–120 V, 50/60 Hz (on request)
Rated power of milling spindle	260 W
RPM	approx. 1,000–50,000
Anti-clockwise	up to 30,000
Weight	8,9 kg
Laboratory turbine with control device (2 l water tank)	
Height x Width x Depth	260 x 260 x 240 mm
RPM	max. 320.000 U/min
Compressed air connection	min. 3 bar

CE

Scope of delivery	Unit	REF
Paraskop® M Basic unit with milling spindle, quill, model table and LED lamp, collet chuck 2.35 mm with bit stop, foot actuated switch, collet chuck, cleaning brush, 2 spare fuses		**26340**
Accessories		
Milling set 2.35 mm	1 set	**43470**
Zirconium abrasives 2°	1 piece	**43510**
Collet chuck 2.35 mm with bit stop	1 piece	**31722**
Collet chuck 3 mm with bit stop	1 piece	**31721**
Dust protection cover	1 piece	**32746**
Refill holder	1 piece	**22163**
Graphite refills	1 pack	**22150**
Measurement set according to Ney	1 set	**22160**
Model table	1 piece	**14418**
Laboratory turbine	1 piece	**26345**
Water collection bowl for Paraskop® M	1 piece	**18082**
Splash cabin for trimming ceramics	1 piece	**18083**

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