

orangedental

premium innovations



Very stable 4 axis dental grinding machine
for one Block



Features:

- * Easy to use
- * Operation can be learned quickly
- * Easy and flexible to program
- * Wet grinding
- * Price-performance ratio balanced and optimized

EVO EasyMill

Dental milling/grinding machine for Blocks



EVO easyMill is a compact 4 axis grinding and milling machine

For the 4 axis Milling and Grinding machine, needs only 4 bar of Pressure-
It's user-friendly and easy to maintain, a perfect design of CAD/CAM blocks grinding and milling System for Chairside and dental Lab processing.

Specifications:

Travel X axis	55 mm	Flushing medium tank	liter
Travel Y axis	50 mm	flushing pump	l/min
Travel Z axis	45mm	CNC controller	PC base
Travel A axis	0 to 180 Grad	Current connection value complete	1,2 kVA
Ball screw (long-term lubricated)	∅ 10x3 mm	Electric current fuse size	Fuse carrier 1x10 A
Clamping system	pneumatic 4 bar	Electrical connection 1Phase/MP/NP	230V/ 50/60Hz
Repeatability	< 0,008 mm	Max. Power grid fluctuation	+/- 5%
Automatic tool length measurement	+/- 0,01 mm	Noise level (depending on the material to be milled)	50-58 dB (A)
Minimum input value	0,001 mm	Compressed air connection	min. 100 l/min. bei 4,0 bar
Stepper Closed loop system	0,5 Nm	Other connections	
Encoder	1000 p/r	Floor space	400 x 550 mm
HF spindle	1000~ 60000RMP 400 Watt	Weight of the machine	40 kg
HFS max. Tool diameter	∅ 4,0 mm	Dimensions of the machine	370x 470x 410 mm
Number of tools in the tool changer	3 pieces		

Features:

- * Compactness _ Save Space
- * High Precision and efficiency, It takes 15 - 30 minutes to complete a single Crown of precision 20 µm.
- * Pneumatically Powered Block clamping, need no Tools, such as a Wrench.
- * Mill two Restorations from a Single Ceramic Block, Reduce the Cost of material.
- * Automatic Tool clamping and Tool return the Bars with one click.
- * Automatic tool length correction.
- * The separate filtered Watercooler need no additional Filter.
- * Open System, compatible with standard STL.

Indications:

- * Inlay, onlay, facing, crown and temporary crowns PMMA up to 3 or 4 units.
- * Veneer.
- * Feldspar Glass Ceramics.
- * Lithium- based Ceramics.
- * Hybrid materials and PMMA

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