



5X-400 [Wet & Dry Mill]



Versatile Milling at a Reasonable Price.

With the imill 5X-400 you can machine various materials including Zirconia Disks, CAD Blocks, and Pre-milled Blanks. Plus, you can select between wet and dry machining and enjoy maximum versatility at a reasonable price.

Unrivaled Grinding Capability

With an 80,000 RPM spindle, the imill 5X-400 delivers unrivalled capability in grinding Lithium Disilicate (Glass Ceramic). A cartridge that accommodates up to 6 CAD Blocks is included with the mill.



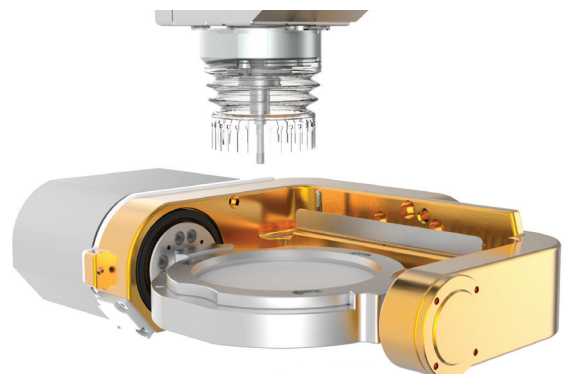
Materials & Applications

Materials		Applications	
Model	5X-400	Case	5X-400
Pre-milled Blank (Titanium)	⊙ (2 ea)	Implant Bar	⊙
CrCo & NiCr Disk	✘	Screw-Retained Bridge (Crown & Coping)	⊙
Titanium Disk	✘	Custom Abutment	⊙
Lithium Disilicate	⊙	Hybrid Abutment	⊙
Nanocomposite	⊙	Inlay & Onlay	⊙
Zirconia	⊙	Crown & Coping	⊙
PMMA	⊙	Crown & Coping Bridge	⊙
PEEK	⊙	Model	⊙
Wax	⊙	Bite Splint	⊙
		Denture	⊙

⊙: High Compatibility / ○: Compatibility / ✘: Non-Compatible

Specifications

Model	5X-450	
Axis°	5-Axis	
Processing	Wet and Dry	
Spindle Power	AC 0.5 kW	
Max RPM	80,000	
ATC	10	
Tool Shank (mm)	Ø4	
Motor	Stepping	
Drive Mechanism	Ball Screw	
Way System	Linear Guide	
Power Requirement	AC 200-240 V, 50/60 Hz, 10 A	
Air Requirement (Main Air Pressure):	5 kg/cm ² = 71.1167 psi	
Machine Size (WxDxH)	568 x 643 x 680mm 22 x 25 x 27 in)	
Total Size (WxDxH)	568 x 643 x 1616mm (22 x 25 x 64 in)	
Weight (Machine/Table)	100 kg / 65 kg (220 lbs / 143 lbs)	
Travel	X,Y,Z Axis	146 x 122.3 x 106.5mm (5.75 x 5 x 4 in)
	A / B Axis	±35.2° / 360°



Capability to Mill Pre-mill Blanks

The imill 5X-400's Premill Fixture is included with the machine and allows for in-house milling of custom abutments.



Like Natural Teeth

Every patient wants a prosthesis that looks natural. Using our 0.3mm tool for Zirconia, you can mill grooved details to manufacture teeth that look 100% natural.



User-friendly Control

The Auto Calibration Function allows you to maintain the precision of your imill 5X-400 ... even remotely. The U.I. design was developed for enhanced ease-of-use and makes operation extremely simple.



RPM
80,000



Wet



Dry



5-Axis



Zirconia

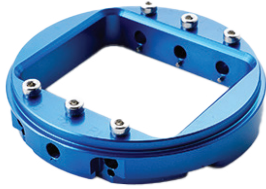


CAD Blocks



Pre-milled

5X-400 Accessories



C-Clamp Fixture

* Products are subject to change without notice to improve quality, function, design, or otherwise.



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