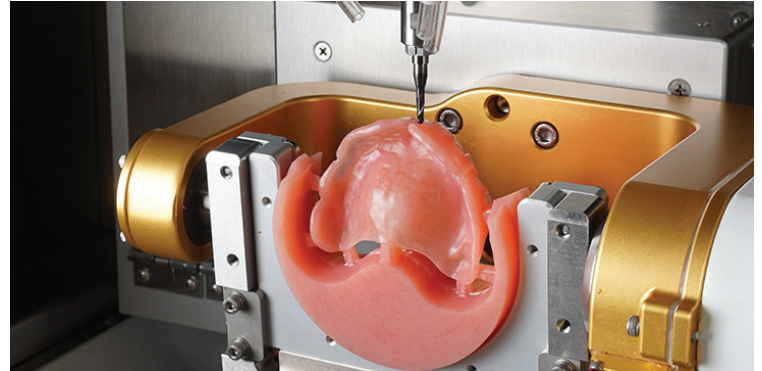


imill™ 5X-450 [Wet & Dry Mill]



Precision Milling for a Range of Prosthetics

With the use of an open C-Clamp fixture you can precisely machine facial side, buccal side, and under-cut zones. With the amazing power of the best-in-class spindle (AC 1.28 kW), you can machine various geometries and materials including Zirconia, CAD Blocks, and Titanium bars.*

*Except Ni-Cr / Co-Cr Disks which are more suited to the 5X-500 model.



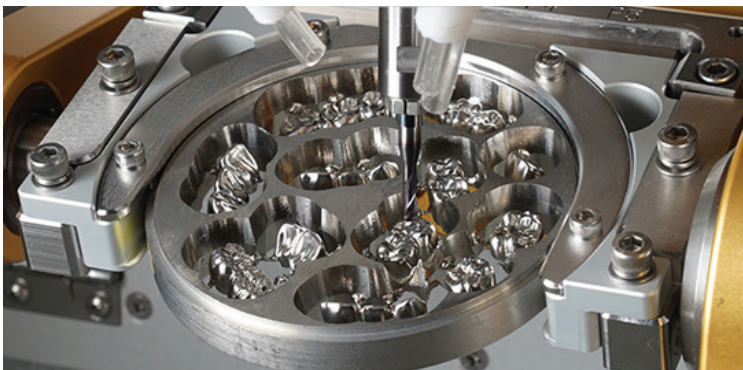
Materials & Applications

Materials		Applications	
Model	5X-450	Case	5X-450
Pre-milled Blank (Titanium)	⊙ (5 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

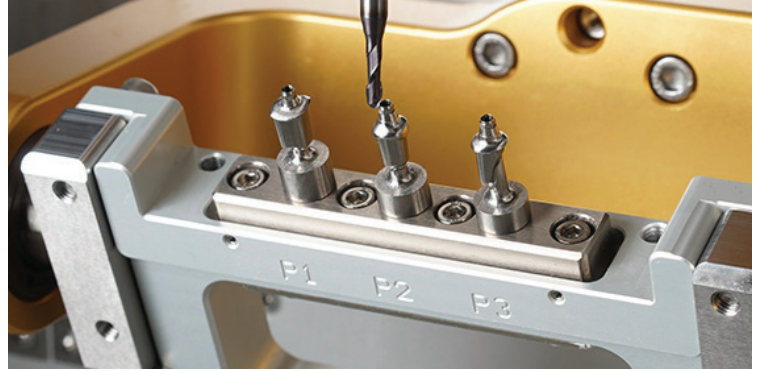
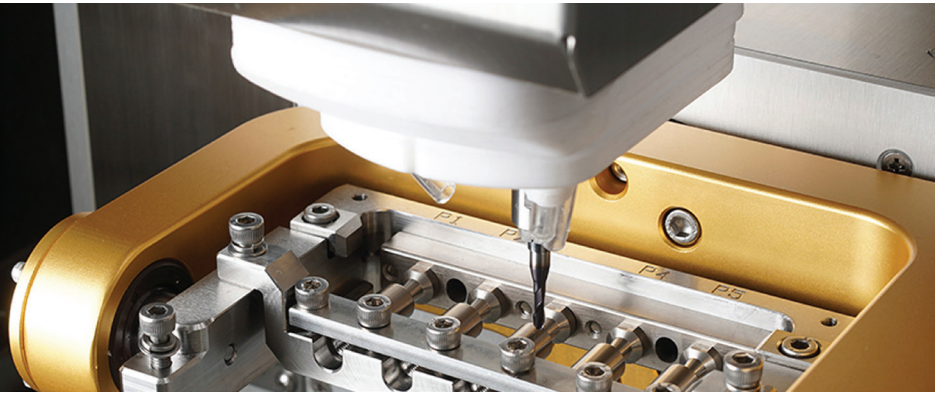
Specifications

Model	5X-450	
Axis°	5-Axis	
Processing	Wet and Dry	
Spindle Power	AC 1.28 kW	
Max RPM	60,000	
ATC	15	
Tool Shank (mm)	Ø6	
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)	790 x 790 x 790mm 31 x 31 x 31 in)	
Total Size (WxDxH)	790 x 700 x 1645mm (31 x 31 x 65 in)	
Weight (Machine/Table)	185 kg / 65 kg (408 lbs / 143 lbs)	
Travel	X,Y,Z Axis	245 x 116 x 130mm (9.5 x 4.5 x 5 in)
	A / B Axis	330° / ±35°



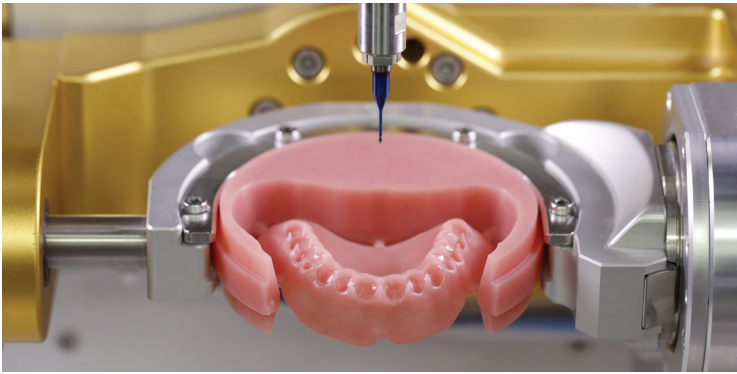
Perfect Processing of Custom Abutments

With imill's unique 2-step milling process (using the included custom holder), custom abutments can be milled complete with no secondary de-spruing operations required – making it a great solution for split file cases.



Precision Machining Using AT Cartridge

In addition to simple top and bottom side machining, you can also machine the cuff side (gingival side), the occlusal side, and retention grooves using the convenient AT Holder.



Versatility with Materials & Applications

From Zirconia crowns and bridges to Titanium bars and custom abutments, the imill 5X-450 represents versatility and rugged dependability for dental prosthetic production.



Wet



Dry



Facial



Occlusal



Cuff



Disks



CAD Blocks

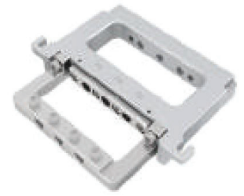
5X-450 Accessories



C-Clamp (5X-450 Dedicated)



AT Holder (5X-450 Dedicated)



AT Holder (5X-450 Dedicated)



Disk Holder (5X-450 Dedicated)



Milling Analogs



Straumann PMAB Holder (Bushing Type)



AT Holder (5X-450 Dedicated)

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



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