

# imill™ 5X-300D [ Dry Mill ]



Efficient C-Clamp (included with mill)

Precision milling of facial-side, and buccal-side textures, as well as under-cut areas for minimized post-processing time.



Quickly Switch Between Materials

You can easily switch disk materials with convenient fixtures and holders. Mill Zirconia, PMMA, Peek, and Wax.



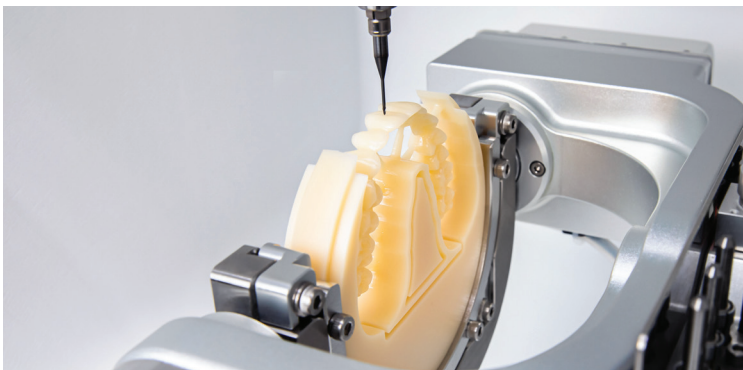
## Materials & Applications

Materials		Applications	
Model	5X-300D	Case	5X-300D
Pre-milled Blank (Titanium)	✗	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-300D	
Axis°	5-Axis	
Processing	Dry	
Spindle Power	AC .5 kW	
Max RPM	60,000	
ATC	12	
Tool Shank (mm)	Ø4	
Motor	Stepping	
Drive Mechanism	Ball Screw	
Way System	Linear Guide	
Power Requirement	AC 100-240 V, 50/60 Hz, 10 A	
Air Requirement (Main Air Pressure):	5 kg/cm <sup>2</sup> = 71.1167 psi	
Machine Size (WxDxH)	568 x 638 x 645mm 22 x 25 x 25 in)	
Total Size (WxDxH)	568 x 638 x 1583mm (22 x 25 x 62 in)	
Weight (Machine/Table)	90 kg / 65 kg (198 lbs / 143 lbs)	
Travel	X,Y,Z Axis	167 x 120 x 94mm (6.5 x 4.5 x 3.5 in)
	A / B Axis	±30° / 330°



## Excellent Detail for Realistic Prosthetics

By using the C-Clamp and the 0.3mm tool for Zirconia, you can mill grooves in the facial-side, as well as buccal-side textures to produce highly-detailed prosthetics that look more natural.



## Ergonomics and Convenience

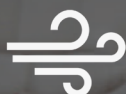
A 7° Tilted Door allows you to clearly see the milling progress and the wide-opening provides ample space to change materials and tools.

## User-friendly Control

The Auto Calibration Function allows you to maintain the precision of your imill 5X-300D ... even remotely. The U.I. design was developed for enhanced ease-of-use and makes operation extremely simple.



RPM  
60,000



Dry



5-Axis



Zirconia



PMMA



CAD Blocks

## 5X-300D Accessories



C-Clamp Fixture

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



 **Imagine**<sup>™</sup>

[www.imagineusa.com](http://www.imagineusa.com)