



UPGRADED VERSION

Chairside Dental Milling Machine M5DW



DRY
WET

5
AXIS

ATC

HD touch screen

Millable material

90°
Vertical milling

Real-time monitoring



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Plug-and-play

Instant results

One piece strcure

C-Clamp

Auto Calibration

HD touch screen display
Easy to use.

Intelligent synchronous scrolling light
Real-time visualization of processing progress, equipment status at a glance.



Automatic tool change to ensure cutting accuracy

Full-screen glass panel
The body and screen are seamlessly integrated, offering both aesthetic appeal and premium feel.



Multi-angle monitoring
Processing status.

Cast aluminum structure
Suitable for small dental clinics.

Dedicated protective film
The processing area is independently separated from each axis, effectively preventing dust and chips and extending equipment life.

The M5DW is a newly developed 5-axis wet & dry milling machine designed for the production and processing of zirconia, glass ceramics, premilled abutment, PEEK, PMMA, Wax and composite materials. It features a one-piece design with enhanced dust protection, and uses high-quality imported components for key control components. It delivers micron-level cutting accuracy and is suitable for a wide range of machining applications. **It provides a simple and efficient digital cutting experience.**

Millable material



Zirconia



Glass ceramics



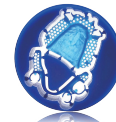
Premilled abutment



PMMA



PEEK



WAX

Millable restorations



Coping/Full Crown



Three-Unit Bridge



Inlay/Onlay



Veneers



Screw-Retained Crown



Custom Abutment



Thimble Bar



Partial Denture Frameworks



Super structures Over Bars



Full Dentures



Full Dentures without Teeth



Bite Splint

Product Features



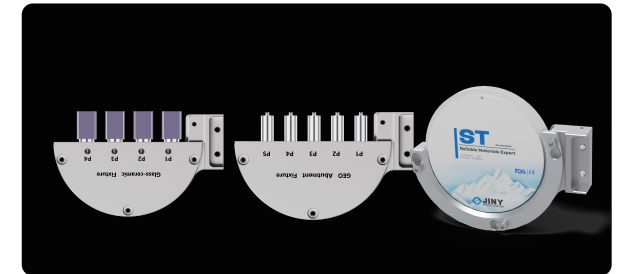
5-Axis with 90°vertical milling

90°vertical milling precisely replicates natural tooth anatomy and surface texture, can achieve a machining accuracy of $\pm 0.02\mu\text{m}$.



Built-in boxed air pump

Integrates dust removal, cooling, and tool changing functions in one unit, eliminating the need for an external air source, saving time and space.



Multiple fixtures can choose

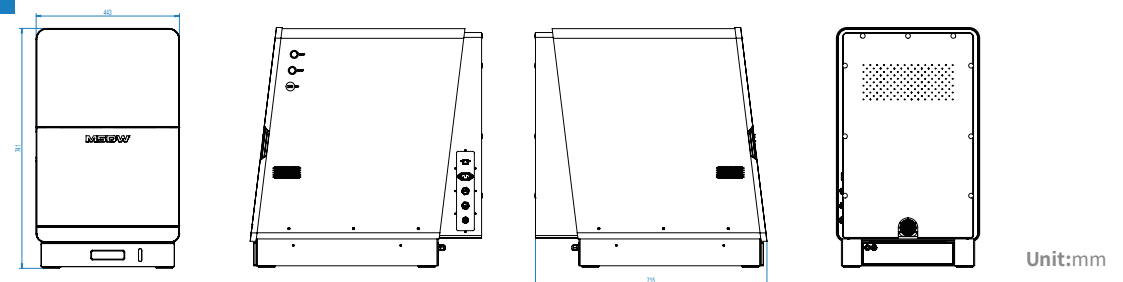
This machine is equipped with disc fixture, premilled abutment fixture and glass ceramic fixture, which can easily milling a variety of different materials.



Integrated desktop water tank

The bottom-embedded design blends seamlessly with the body, making it both practical and space-saving.

Perfect Dimensions



Unit:mm

Technical Parameters

Model	M5DW-5 axis dental milling machine	A/B axis milling angle	A axis 360° B axis $\pm 30^\circ$
Machine size	741*443*715mm	Milling mode	Wet/dry milling
Weight	127kg	MAX.Spindle speed	3000-60000rpm
Tool magazine	18	Processing stroke range	XYZ:168/106/90
Input voltage	220V	Spindle cooling method	/
Max. Spindle power	0.5kw	Average milling time	Glass ceramics 15-30min Abutment 8-13min PMMA 8-12min Wax 6-8min
Max. Machine power	1.2kw		

