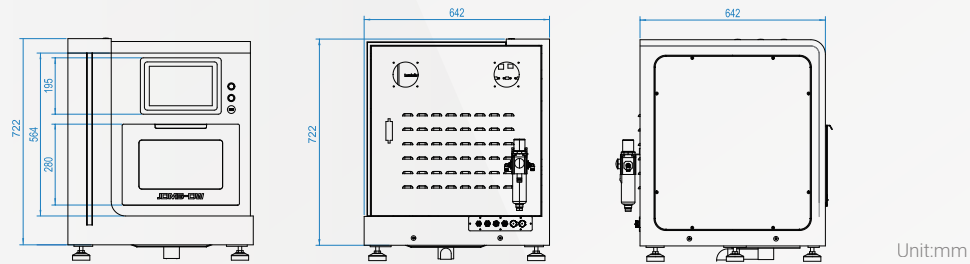


WET & DRY

5-Axis Dental Milling Machine

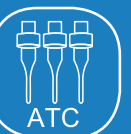
JDM5DW

Perfect Dimensions



Technical Parameters

Model	JDM5DW-wet & dry dental milling machine	A/B axis milling angle	A axis 360° B axis +30° -90°
Machine size	642X642X722mm (Excluding foot cups)	Milling mode	Wet/dry milling
Weight	233kg	MAX.Spindle speed	3,000-60,000rpm
Tool magazine	21	Processing stroke range	XYZ:152/125/117
Input voltage	220V	Spindle cooling method	Water cooling
Max. spindle power	2.5kw	Average milling time	Glass ceramics 15-30min Titanium crown 15-20min Implant bridge 90-180min Premilled abutment 8-13min
Max. machine power	3.5kw		Zirconia 7-15min PMMA 8-12min Wax 6-10min



JDM5DW

THE 5-AXIS MILLING MACHINE INCORPORATING ORIGINAL ENGINEERING SOLUTIONS, CAPABLE OF GUARANTEEING HIGH PERFORMANCE FOR ALL TYPES OF MATERIALS.

Switchable

Wet & dry
dual-use machining
available

Highlights

- + **High-performance-to-cost ratio milling machine;**
- + It can switch between dry and wet milling, and can cut a **wider range of materials;**
- + Featuring premium imported key components for superior stability and milling quality;
- + **With machining accuracy reaching $\pm 0.01\text{mm}$,** it ensures consistently top-tier finished product quality;
- + **Equipped with a precision-bearing spindle,** it delivers powerful performance for effortless metal processing;
- + Simple operation and easy maintenance enable higher profitability, supporting high-capacity manufacturing plants.



Millable material:

Titanium block

Zirconia block

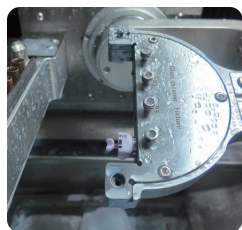
PMMA/PEEK/Wax

Glass ceramics

Premilled abutment

Composites

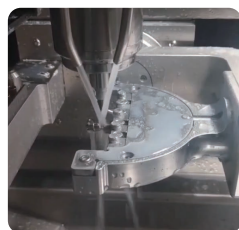
CoCr



Milling glass ceramics



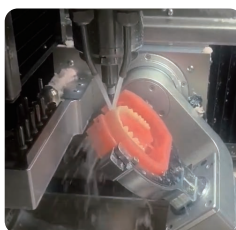
Milling zirconia block



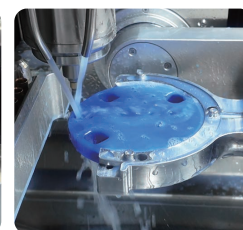
Milling abutment



Milling titanium block



Milling PMMA



Milling wax



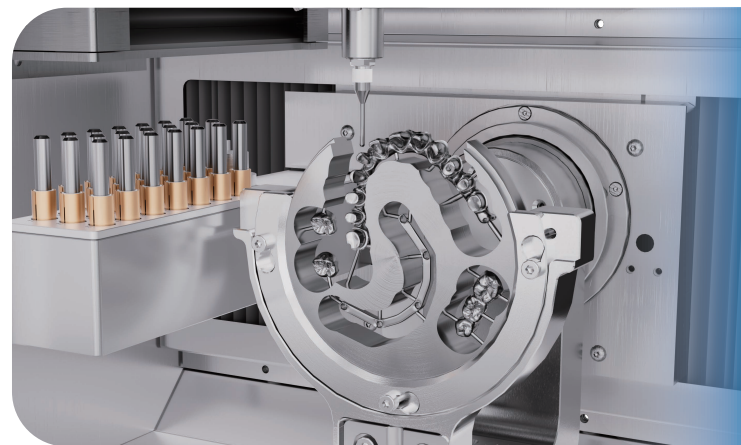
Automatic Tool Change (ATC)

Featuring a high-performance Automatic Tool Changer (ATC), this 5-axis dental milling machine holds 21 tools in the magazine and performs rapid, accurate tool changes fully automatically. By minimizing human intervention and idle time, it significantly boosts productivity and consistency for dental labs. Perfect for processing zirconia, titanium, PMMA and other dental materials in one setup.



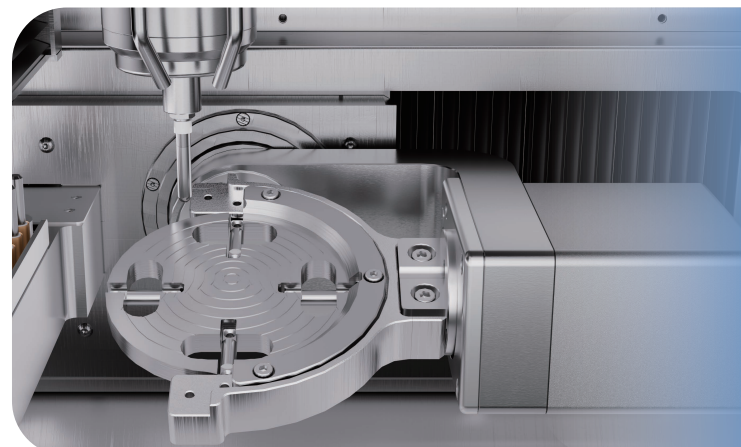
Cast Iron Structure

Built with integrated cast iron structure, the machine owns high rigidity and good shock absorption performance. It effectively suppresses cutting vibration, maintains ultra-high machining accuracy, and ensures stable operation even after long hours of continuous work.



90° vertical milling ensures neat cutting surface

Equipped with professional 90° vertical cutting system, the machine performs vertical downward milling steadily. It guarantees uniform cutting force, high forming precision and excellent finished appearance, greatly improving the qualification rate of dental restorations.



Built-in automatic calibration function

Equipped with high-precision automatic calibration system, the machine completes tool and origin position calibration intelligently. It effectively compensates tiny errors caused by long-term operation, keeps stable cutting accuracy all the time.