



W4 The Ultra-efficient 4-axis milling machine

Specialized wet milling solution for glass ceramic and premilled.



4

Axes

12

Tools

20

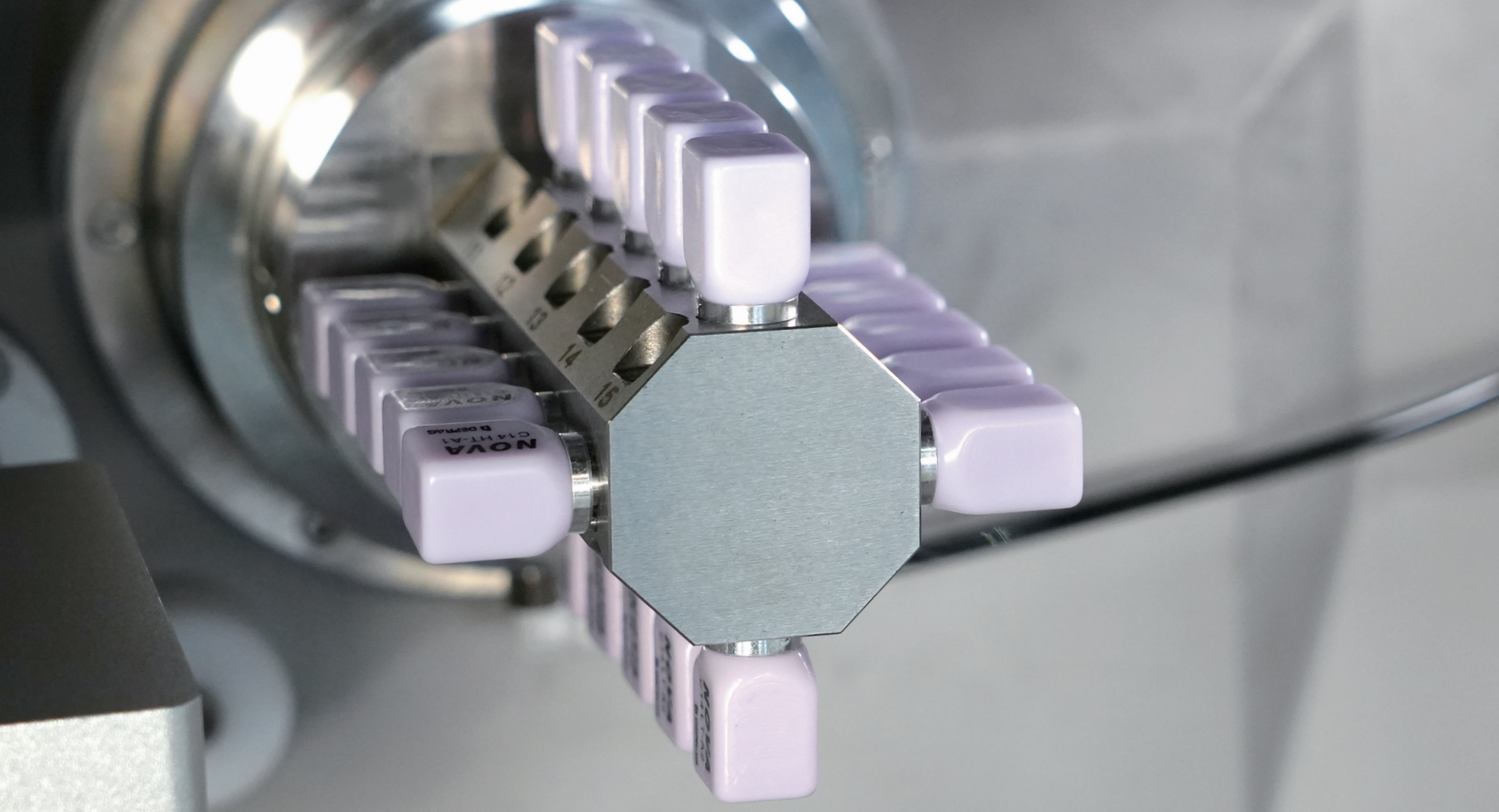
Blocks

6

Pre-milled

0

Disc



4-axis
machining



Auto
calibration



Zero-point change
system



Super
holder



Modular
integrated

Efficiency Engineered: Volume × Precision × Ease.

Effortless Operation

With a larger screen and intuitive controls, you can run the W4 effortlessly. Rapid, precise holder switching streamline your workflow.

Reliable Precision

Servo motors + linear guides deliver unwavering accuracy. Achieve flawless restoration every time.

Same-Day Dentistry

20-position block holder + unmatched efficiency = prosthetics in 4 hours. From scan to seating—all in one visit.

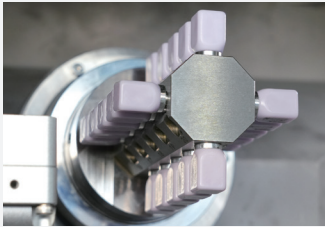


Processing mode	Wet
Millable material	Pre-milled blank, Glass ceramics PMMA block, PEEK block
Basic construction	Aluminium
Tool	12

Number of axes	4
Spindle power	2.5kW
Spindle collet	φ6mm
Spindle cooling method	Water cooling
CAM Software Adaptation	Millbox / Hyperdent / WorkNC available

Designed for block materials.

HIGHLIGHTS, SEE HERE!



Super holder

- ✓ 20-position, four-sided distribution;
- ✓ Zero-point change system;



Built-in automatic calibration

- ✓ No external wiring required;
- ✓ Guided calibration;
- ✓ High accuracy: 0.01mm;



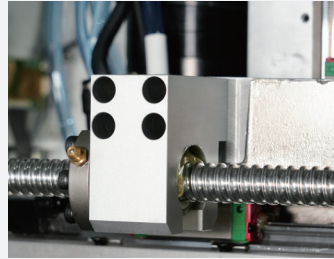
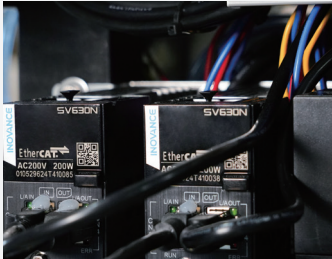
Easy-to-use operating system

- ✓ Fully wireless remote function: control device & transfer files;
- ✓ Win10 system;
- ✓ Guided access, minimal training required;

*Supports optional industrial-grade automatic calibration.

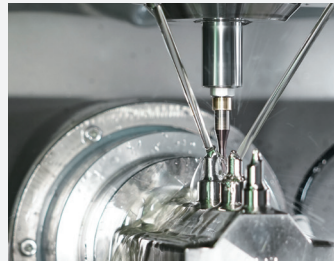


Key Features at a Glance



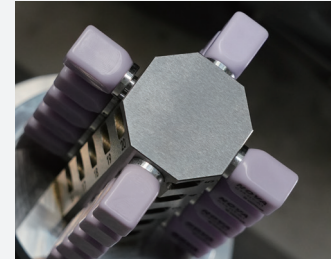
Precision Performance

- ✓ C5 grade high precision ball screw
- ✓ P grade guide rail
- ✓ High resolution servo control system
- ✓ 5 μ m repetition accuracy
- ✓ Hybrid ceramic ball bearings (<3 μ m concentricity)



Stable Output Quality

- ✓ 2.5kW spindle (Φ 62mm) for powerful machining
- ✓ Professional water-cooled system extends machine service life
- ✓ Integrated casting body guarantees stable milling



Multi-Indication Processing

- ✓ Automatic calibration reduces material waste by 15%;
- ✓ 20 block materials can be processed at a time;
- ✓ 6 positions for pre-milled blank;



Easy to use

- ✓ 19.5-inch screen, agile operation;
- ✓ Intelligent management of tool grouping and automatic tool change;

Materials and indications

Glass ceramics	Pre-milled	PMMA	PEEK
Crown/Bridge 	Veneer 	Inlays/Onlays 	Abutments 



Block holder

- 20 processing positions
- Applicable to block materials: glass ceramics, PEEK, PMMA



Premill Abutment holder

- 6 positions for pre-milled blank
- Available systems: Geo, Medentika



Glass ceramic milling burs

D2.5/6.0mm
Roto, Diamond coated



D1.0/6.0mm
Roto, Diamond coated



D0.6/6.0mm
Drill, Diamond coated



Titanium milling burs

D3.0/6.0mm
Roto, Diamond coated



D1.5/6.0mm
Roto, Diamond coated



D1.0/6.0mm
Roto, Diamond coated



D2.0/6.0mm
End mill, Diamond coated

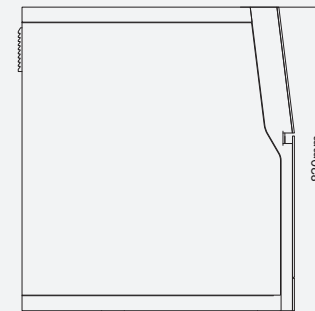
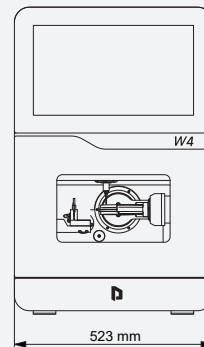
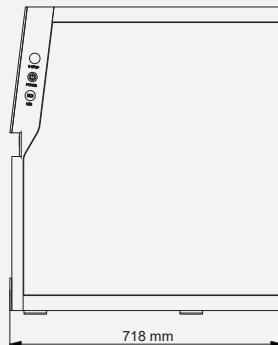


Technical Parameters

General	
Processing mode	Wet
Millable material	Glass ceramics, PMMA, PEEK, Pre-milled blank
Applications	Crown Bridge, Veneer, Inlay Onlay, Abutment
Power	220V/3.2kW
Dimension	523x718x820 mm
Weight	130 kg
Air supply pressure	>0.5 MPa
Air flow	>90 L/min
Water tank capacity	10L

Structure parameters	
Basic construction	Aluminium
Number of axes	4
Rotary axis B-axis	360°
Tool	12

Spindle	
Speed	60,000 rpm
Power	2.5kW
Positioning/Repositioning accuracy	0.01/ 0.005 mm
Collet	Φ6 mm
Cooling method	Water cooling



ABOUT US

DEPRAG is a global dental technology enterprise specializing in digital dental materials, smart devices, and cloud-based services, with comprehensive coverage across restorative, orthodontic, and implant dentistry. Through material science innovation and digital ecosystem development, the company is driving the transformation of dental care from traditional experience-driven practices to a digitally-driven model.

Zhengzhou

- Headquarters
- Dental Materials and Software R&D Center
- Marketing Center
- Dental Lab

Shenzhen

- Dental Equipment R&D, Manufacturing and Training Center
- Product Display Center

Anyang

- Dental Materials Manufacturing Center



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Machines



Watch the video

Materials



Watch the video