



# D5 AFE

No compressed air required  
Five-axis dry milling machine

5  
Axes

10  
Tools

0  
Air

6  
Blocks

1  
Discs



5-axis  
machining



No compressed  
air required



German  
spindle



90°  
vertical machining



Auto  
calibration



Modular  
integrated



# A new plug-and-play experience simplifies your work!

## D5 AFE: No Compressor, No Noise, No Problem

Say goodbye to traditional noisy external air compressors and require complicated setup. The D5 AFE is a powerful yet easy-to-use milling machine. Just plug it in, and it's ready to use right away. It operates quietly and can be easily moved wherever needed. It's the perfect choice for clinics and labs that demand convenience, quiet operation, and flexibility.

## The Smartest D5 AFE—That Anyone Can Use

The D5 AFE is designed for ease of use, featuring user-friendly software and a Win 10 system paired with a large 19.5-inch screen for a brand new user experience. Our professional team is here to guide you through the entire process of setup, nesting, and milling. Enjoy a worry-free purchase and effortless operation with DEPRAG.



Processing mode	Dry
Millable material	Zirconia, PMMA, PEEK, Wax, Composite resin
Basic construction	Aluminium
Tool	10 (Removable tool magazine)

Number of axes	5
Spindle power	800W
Spindle collet	φ4mm
CAM Software Adaptation	Millbox / Hyperdent / WorkNC available

# New Technical highlights, start experiencing!



## High-quality German spindles

- ✓ German top brand: ▶ SycoTec
- ✓ Continuous high-precision machining;



## Ultra-fine engraving

- ✓  $\varnothing$  0.3mm ultra-fine tools
- ✓ 90° vertical processing;



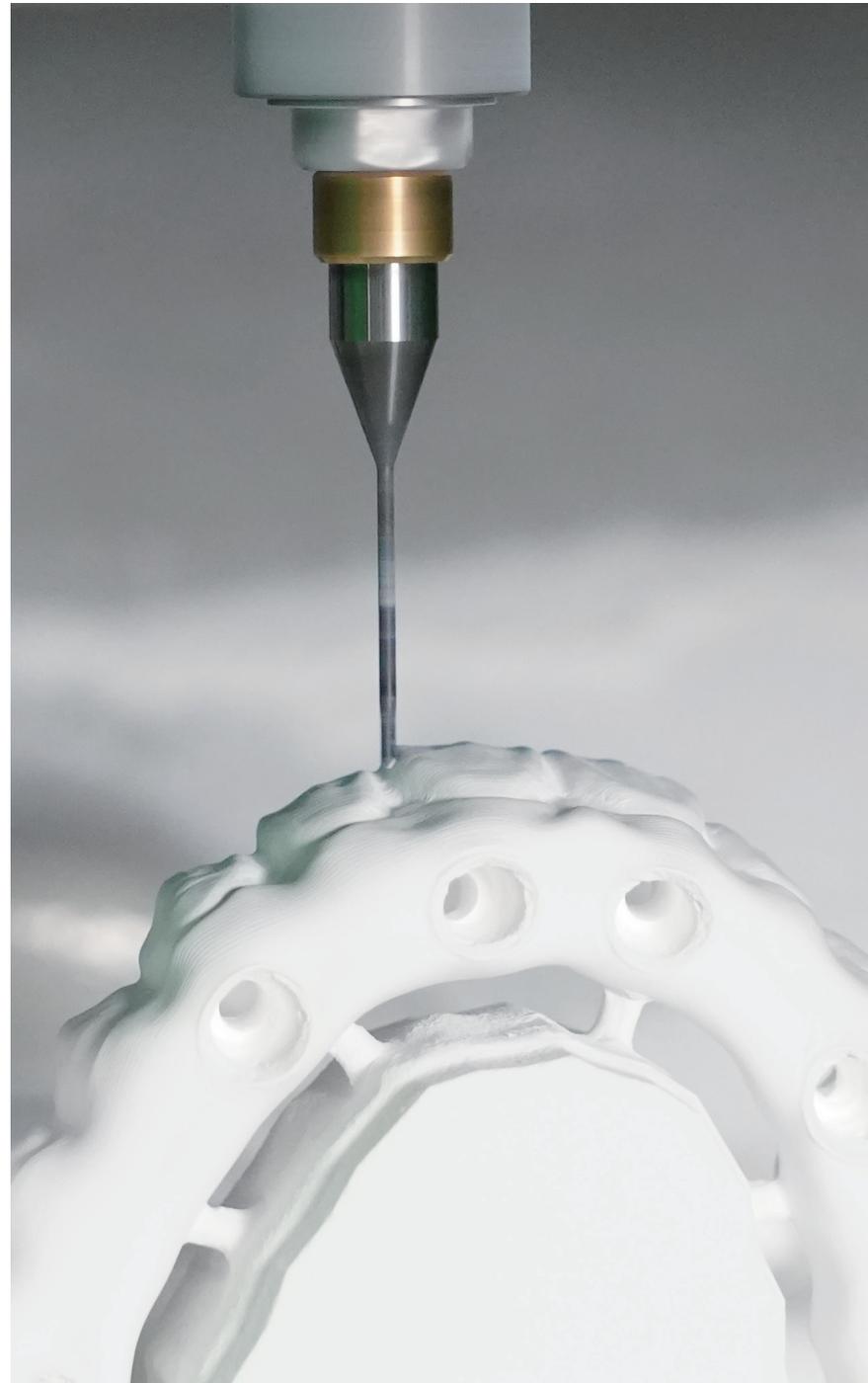
## Built-in automatic calibration

- ✓ No external wiring required;
- ✓ Ultra-high precision

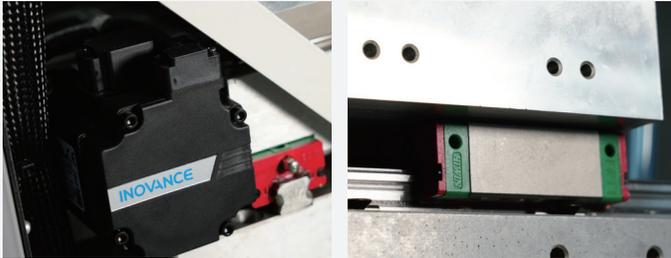


## Easy-to-use operating system

- ✓ True wireless remote function: control device/transfer files
- ✓ Win10 system
- ✓ Guided access, extremely low learning cost



# Key Features at a Glance



## High accuracy

- ✓ C5 grade high precision ball screw.
- ✓ P grade guide rail: **HIWIN**.
- ✓ High resolution servo control system: **INOVANCE**
- ✓ 5  $\mu$ m repetition accuracy.
- ✓ Hybrid ceramic ball bearings (<3 $\mu$ m concentricity).



## Flexible Multi-Indication Processing

- ✓ 90° vertical processing for denture.
- ✓ Pre-calibrated fixture scales for indication-specific setups.
- ✓ Automatic calibration, no need for too much operation.



## Stable Output Quality

- ✓ The spindle comes from Germany and has good stability. 
- ✓ Integrated rigid structure, giving the equipment durable characteristics.
- ✓ The key components are from international brands, quality assurance.

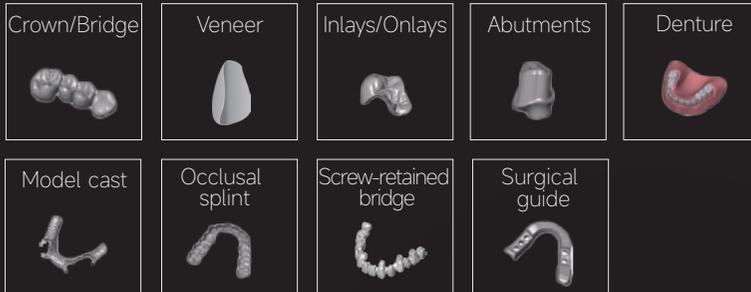


## Handy to use

- ✓ 19.5-inch large screen, simple and easy to operate.
- ✓ Remote monitoring system, quickly build unattended laboratory.
- ✓ 10 tools automatic change, uninterrupted machining.

# Various materials and indications

Zirconia	PMMA	PEEK	Wax	Composite resin
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**Half-open blank holder(C-CLAMP)**

- Suitable for processing  $\varnothing 98\text{mm}$  discs
- Enables 5-axis milling up to  $90^\circ$  axis adjustment
- Maximum material thickness 35mm



**Block holder**

- 6 processing positions
- Applicable to block materials: zirconia, composite resins, PMMA



# Tools

## Zirconia milling burs



## Resin milling burs



## Vacuum Cleaner (Optional)



- ✓ Quiet, sound noise in 55-65 dB.
- ✓ Endless variable speed brushless motor, long service life, running time of more than 20,000 hours.
- ✓ Super suction, maximum wind speed up to 28m/s.

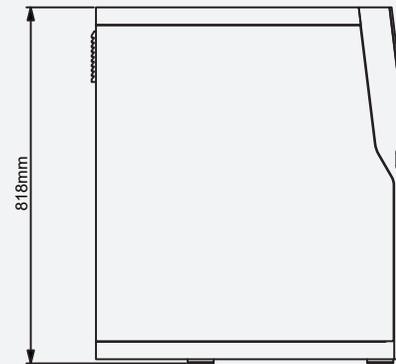
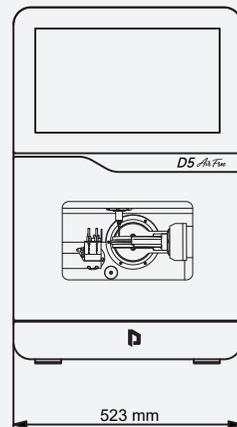
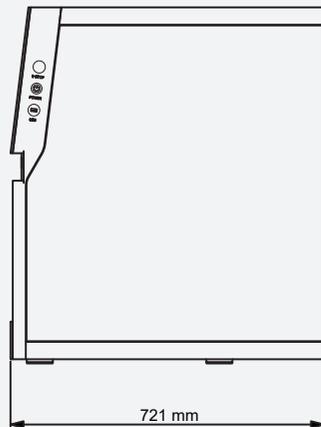
Model	V9
Power	220V   150W
Weight	15kg
Flow rate	197.9 m <sup>3</sup> /h
Size	410×250×420mm
Recommended number of connected milling machine	1 pcs

# Technical Parameters

General	
Processing mode	Dry
Millable material	Zirconia, PMMA, Wax, PEEK, Composite
Applications	Crown   Bridge, Veneer, Inlay   Onlay, Abutment, Denture, Screw-retained bridge, Model cast, Surgical guide
Power	220V/1.8kW
Dimension	523 × 718 × 820 mm
Weight	130 kg

Structure parameters	
Basic construction	Aluminium
Number of axes	5
Rotary axis A-axis	360°
Rotary axis B-axis	-30°~+90°
Tool	10

Spindle	
Speed	60,000 rpm
Power	800W
Positioning/Repositioning accuracy	0.01/ 0.005 mm
Collet	Φ4 mm



## 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



● 100+ Dealer

● 100+ Countries and Regions

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Machines



Watch the video

Materials



Watch the video