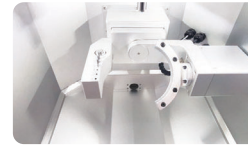


# A52

## The 5-Axis Dry Milling Powerhouse



Spindle Speed: **80,000 rpm**



Precision: **<0.01mm**



**90° Vertical Milling**

- 5-axis simultaneous milling
- Integrated, fully enclosed milling chamber for outstanding dust collection
- Built-in PC with a 12-inch touchscreen
- Equipped with servo motor and ball screw, precise within 0.01 mm of accuracy
- High-performance aircraft-grade aluminum alloy housing
- Up to 90° large angle for buccal side cutting
- Automatic tool changer and tool detection

### Device Parameters

Specification	Parameters
Dimensions	55 x 49 x 74 cm
Weight	95 kg
Voltage	220 V/50 Hz ; 110 V/60 Hz (optional)
Power	1.0 KW
Compatible Compressed Air	0.5-0.8 MPa
Spindle Speed	80,000 rpm
Tilt Angle	A axis: ±360°, B axis: -35°/+95°
Precision	<0.01 mm
Number of Bur	6/12
Cooling Type	Air cooling
Materials	Zirconia, Wax, PEEK, PMMA (Φ98.5 mm, thickness of 10 mm-30 mm)
Milling Speed	Zirconia, PEEK, PMMA (10 minutes/pc), Wax (3 minutes/pc), Framework (45 minutes/pc)
Application	Coping, crown, bridge, inlay, onlay, veneer, post-core crown, dental framework, telescope denture, customized abutment and the crown on it, and implant supported restorations