

UPCERA



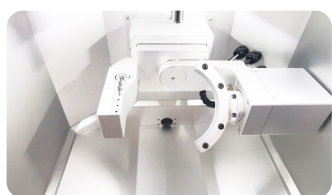
A52

The 5-Axis Dry Milling Powerhouse

Reliable Materials Expert



- 5-axis simultaneous milling
- Integrated fully enclosed milling chamber for outstanding sealing and dustproof
- 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 setter detection



Spindle Speed: **80,000 rpm**



Precision: **<0.01mm**



90° Vertical Milling

Device Parameters

Specification	Parameters
Dimensions	55*49*74cm
Weight	110kg
Voltage	220V 50Hz ; 110V 60Hz
Power	1.0kw
Compatible Compressed Air	0.5-0.8 MPa
Spindle Speed	80, 000rpm
Tilt Angle	A axis: $\pm 360^\circ$, B axis: $-35^\circ/+95^\circ$
Precision	<0.01mm
Number of Bur	12
Cooling Type	Air cooling
Materials	Zirconia, Wax, PEEK, PMMA ($\Phi 98.5\text{mm}$, thickness of 10mm-30mm)
Milling Speed	Zirconia, PEEK, PMMA (10 minutes/pc), Wax (3 minutes/pc), Framework (45 minutes/pc)
Application	Coping, full contour crown, bridge, inlay, onlay, veneer, post-core crown, telescopic crown, customized abutment crown, overstructure, PEEK framework