

# UPCERA



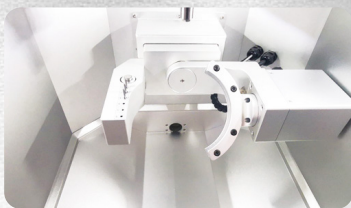
# A52

## The 5-Axis Dry Milling Powerhouse

Reliable Materials Expert



Fixture type (Optional)



Spindle Speed: **80,000 rpm**



Precision: **<0.01mm**



**90° Vertical Milling**



- 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

## Device Parameters

Specification	Parameters
Dimensions	55*49*74 cm
Weight	110 KG
Voltage	220V/50Hz ; 110V/60Hz (Optional)
Power	1.0 KW
Compatible Compressed Air	0.5-0.8 MPa
Spindle Speed	80,000 rpm
Tilt Angle	A axis: $\pm 360^\circ$ , B axis: $-35^\circ/+95^\circ$
Precision	<0.01 mm
Number of Bur	6/12
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, crown, bridge, inlay, onlay, veneer, post-core crown, dental framework, telescope denture, customized abutment and the crown on it, the restoration above the implant