



Reliable Materials Expert



# A52

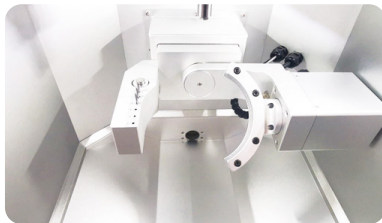
## The 5-Axis Dry Milling Powerhouse

Digital Dental Solutions

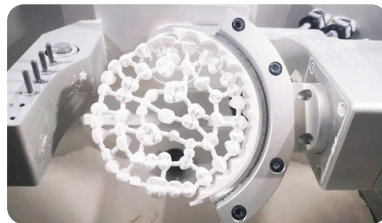
[dental.upcera.com](http://dental.upcera.com)



- 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 with less than 0.01mm precision
- 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 | 0.5-0.8Mpa                                                                                                                                            |
| Spindle Speed             | 80, 000rpm                                                                                                                                            |
| Tilt Angle                | A axis: $\pm 360^\circ$ , B axis: $+35^\circ/-125^\circ$                                                                                              |
| Precision                 | <1.0mm                                                                                                                                                |
| Number of Bur             | 6                                                                                                                                                     |
| Cooling Type              | Air cooling                                                                                                                                           |
| Materials                 | Zirconia, PMMA, PEEK, Wax, Wood(D98.5, Max height 30mm)                                                                                               |
| Processing Speed          | Zirconia, PMMA, PEEK (10 mins/unit), Wax(3 mins/unit)                                                                                                 |
| Application               | Coping, full contour crown, bridge, inlay, onlay, veneer, post-core crown, telescopic crown, customized abutment crown, overstructure, peek framework |