

AUTOMATIC CALIBRATION
AND GREAT DURABILITY



P53

P-Series Dental Mills

Led Light Milling Progress Bar

Displaying the milling progress of P53 can reduce personnel inspection time and improve efficiency.

Remote Connection

One software controls all milling machines, and enables real-time monitoring of the production status of multiple machines.

Tools Lifetime Display

P53 is able to realize automatic calculation of tools lifetime, reasonable planning of tools life cycle, and reduce the risk of zirconia breakage and milling failure with UPCAM.

Resume

Automatically continue milling from the last interrupted step, avoiding repeated work and improving work efficiency by 80%.

Automatic Calibration

Calibration with a single click. Automatic calibration ensure the milling machine in high-precision milling mode.

Save Materials

New half clamp design to improve the material utilization rate at the edge.

Crown, bridge, coping, implant, full denture and other restoration cases. Support kinds of soft materials, zirconia, wax, PEEK, PMMA, etc.





Smarter, easier, more effective ways
to partner with your lab



Model	P53
Dimension	443.5×718×628.5 (mm)
Weight	87Kg
Input Voltage	AC 185~235V、 50~60Hz
Max Power	0.8KW
Spindle Power	0.52KW (max)
Axis	5-axis simultaneous motion
Milling Range	X/Y/Z: 171/210/108 A: ±30° B: ±360°
Milling Mode	Dry milling
Max Rotate Speed	30,000rpm
Max Feed Rate	3,000mm/min
Tools Library	11
Tools Changing	Automatic (Air pressure >0.5MPa)
Spindle Cooling	Air compression (Air pressure 0.25~0.35MPa)
Milling Materials	Zirconia, Wax, PMMA, PEEK and soft materials
Milling Time	Coping : Zirconia-10min Wax- 4.5min Crown : Zirconia-13min Wax-5.5min
Tools Diameter	2+1+0.6 (Φ 4)

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