

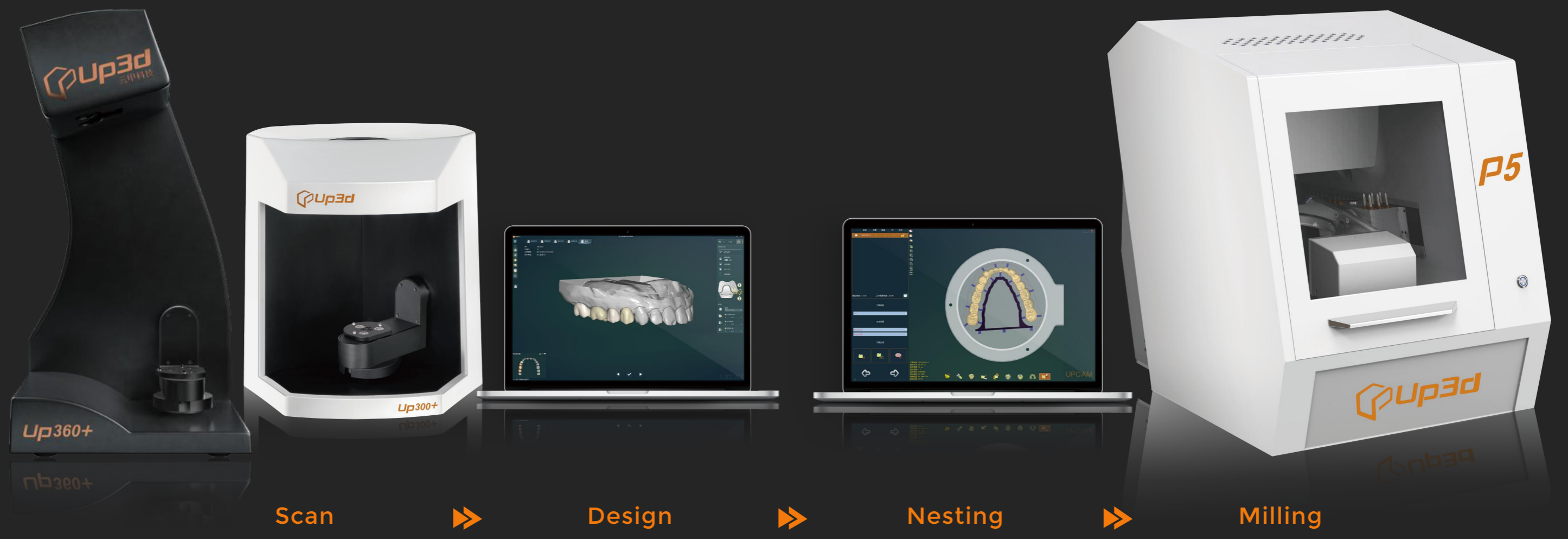


**Automatic calibration
and great durability**

Smart Dental Milling Machines



Full Dental CAD/CAM Solution



5 Axis Smart Dental Milling Machine P5



Independent R&D

All hardware and software are developed by Up3d. Intelligent control system perfectly merged with one-piece framework structure.



HTTP/RESUME

Automatically continue mill from the last interrupt step, avoiding repeated work and improving work efficiency by



Smart initialization

The first milling machine with automatic calibration and smart initialization in China



Simple installation

DIY installation in 10 minutes

P5

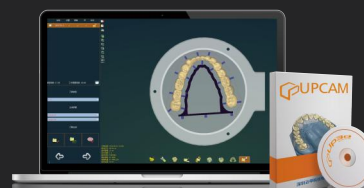
Tools library

11 tools, change the material fast



UPCNC software

One interface for multi-mills, easy to operate and one-click milling.



UPCAM software

Compatible with up3d smart milling machine P4, P5.

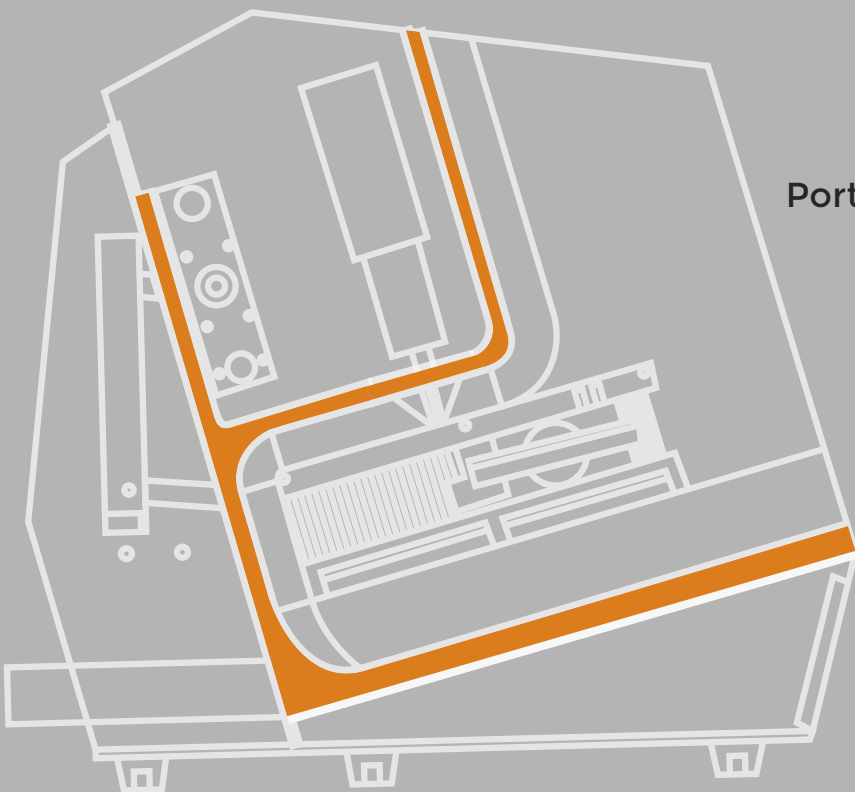


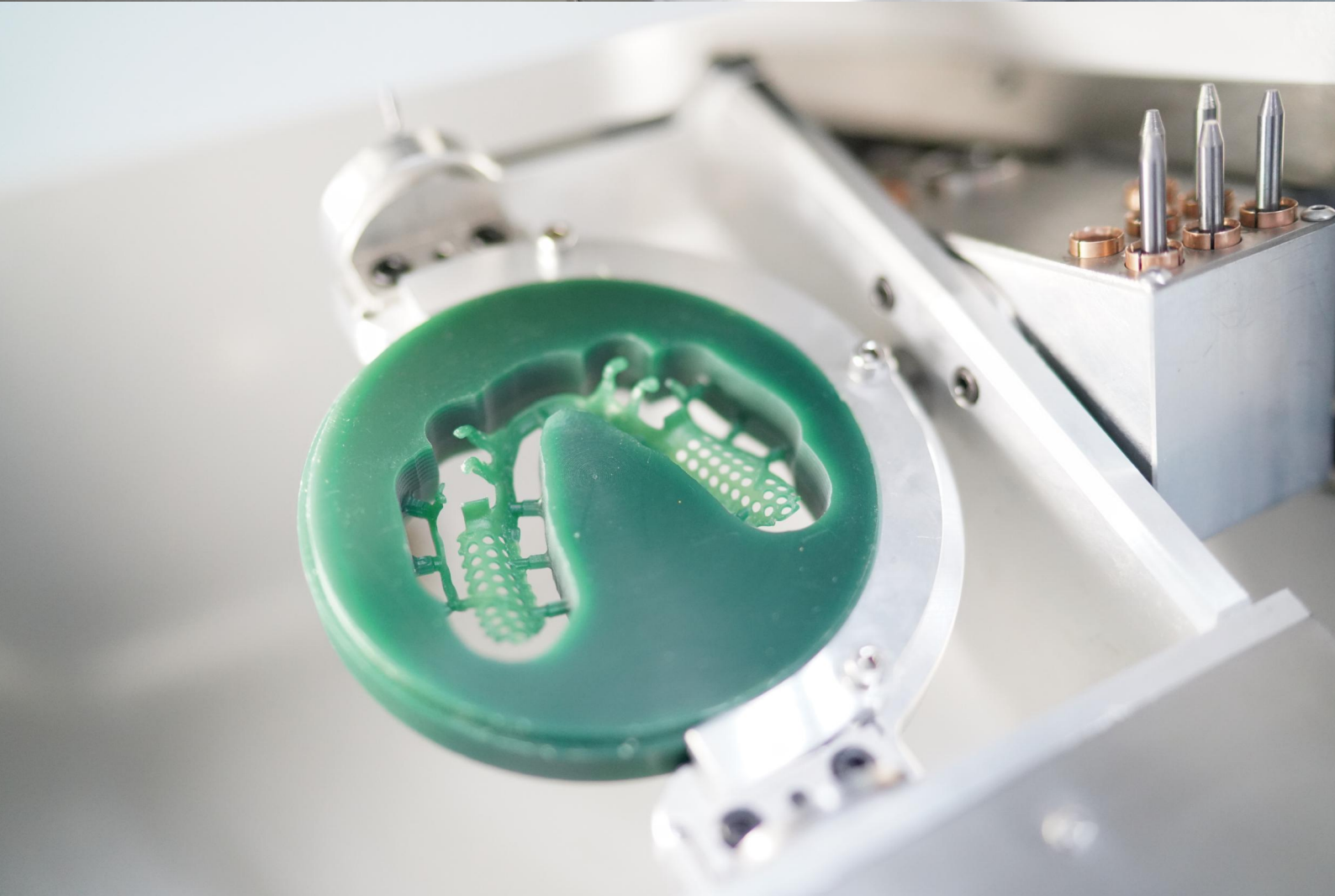
Automatic Calibration

Calibration with a single click

Cast framework in one piece

Portable, precise and great durability







Model	P4	P5
Dimension	620×430×560 (mm)	620×430×560 (mm)
Weight	72Kg	75Kg
Input voltage	AC 100~235V、50~60Hz	AC 100~235V、50~60Hz
Max power	0.8KW	0.8KW
Spindle power	0.52KW (max)	0.52KW (max)
Axis	4 axis (tilt<15 degree)	5-axis simultaneous
Milling range	X/Y/Z: 165/135/70mm A: 360°	X/Y/Z: 165/135/70mm A: ±30° B: 360°
Milling mode	Dry milling	Dry milling
Max rotate speed	40,000~60,000rpm	40,000~60,000rpm
Max feed rate	3000mm/min	3000mm/min
Tool capacity	11	11
Tools changing	Automatic (air pressure>0.5 MPa)	Automatic (air pressure>0.5 MPa)
Spindle cooling	Air cooling	Air cooling
Milling materials	Zirconia, wax, PMMA, wood	Zirconia, wax, PMMA, wood
Milling time	Zirconia(Coping): 12min、wax: 4min	Zirconia(Coping): 13min、wax: 4.5min
	Zirconia(Crown): 15min、wax: 5min	Zirconia(Crown): 14min、wax: 5.5min
Tools	2+1+0.6mm,Φ4	2+1+0.6mm,Φ4



Digital technology improves life

UP3D is a high tech company headquartered in Shenzhen since 2013.

As one of the only few companies in the world that are capable of developing a full dental CAD/CAM solution including software and hardwares.

We are committed to provide our worldwide customers with high quality dental CAD/CAM products to benefit from the digital dental revolution.



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