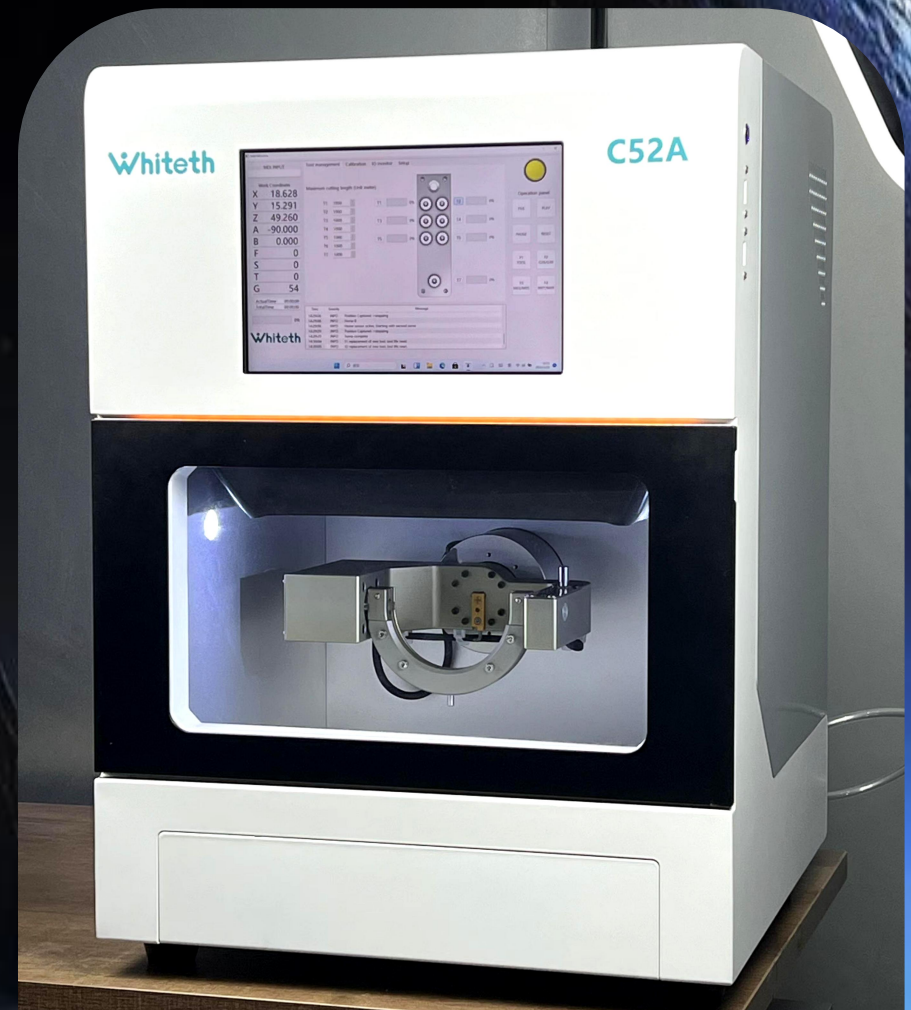


C52A 5-axis dry milling

Redefining Dental Milling Excellence

Care. Precision. Excellence. For Every Smile.



Stable Milling with Micron-Level Precision

With an ultra-rigid structure, aerospace-grade aluminum frame, intelligent temperature compensation, and smart calibration system, the C52A delivers stable, efficient, and continuous production. Even the most complex restorations are milled with flawless precision.

Remote Control & Real-Time Monitoring

The C52A allows you to remotely access and monitor the milling chamber at any time. With instant visibility and control, you can respond quickly, reduce downtime, and keep your production running at peak efficiency.

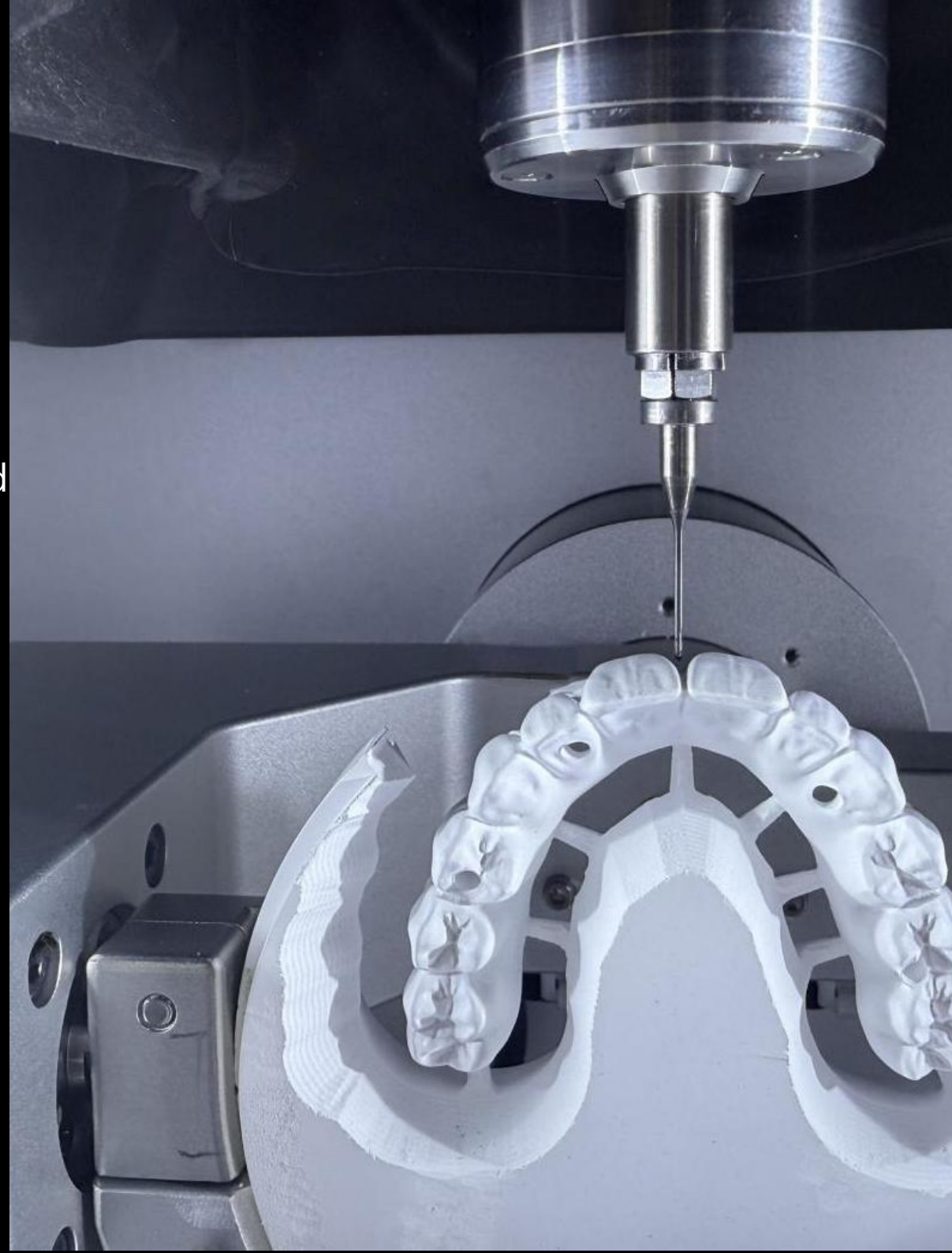


True 90° Vertical Milling

Easily tackle complex restorations with confidence. The unique half-open fixture design enables the tool to cut perfectly vertical to the material's side walls—solving undercut challenges in large-span bridges and implant bars, while greatly reducing the need for manual post-processing.

Precision Milling, Exceptional Detail

With its custom 0.3mm micro-carving tool and extended 0.6mm cutter, the C52A delivers ultra-fine milling of facial features—creating restorations that replicate the natural beauty of real teeth.



Smart & Open Platform

Operate with complete freedom. The C52A's built-in computer and touchscreen create an all-in-one workstation, while its open system gives you the flexibility to use any major CAM software and material, maximizing your workflow and profitability.

Simple, Intelligent, Stress-Free

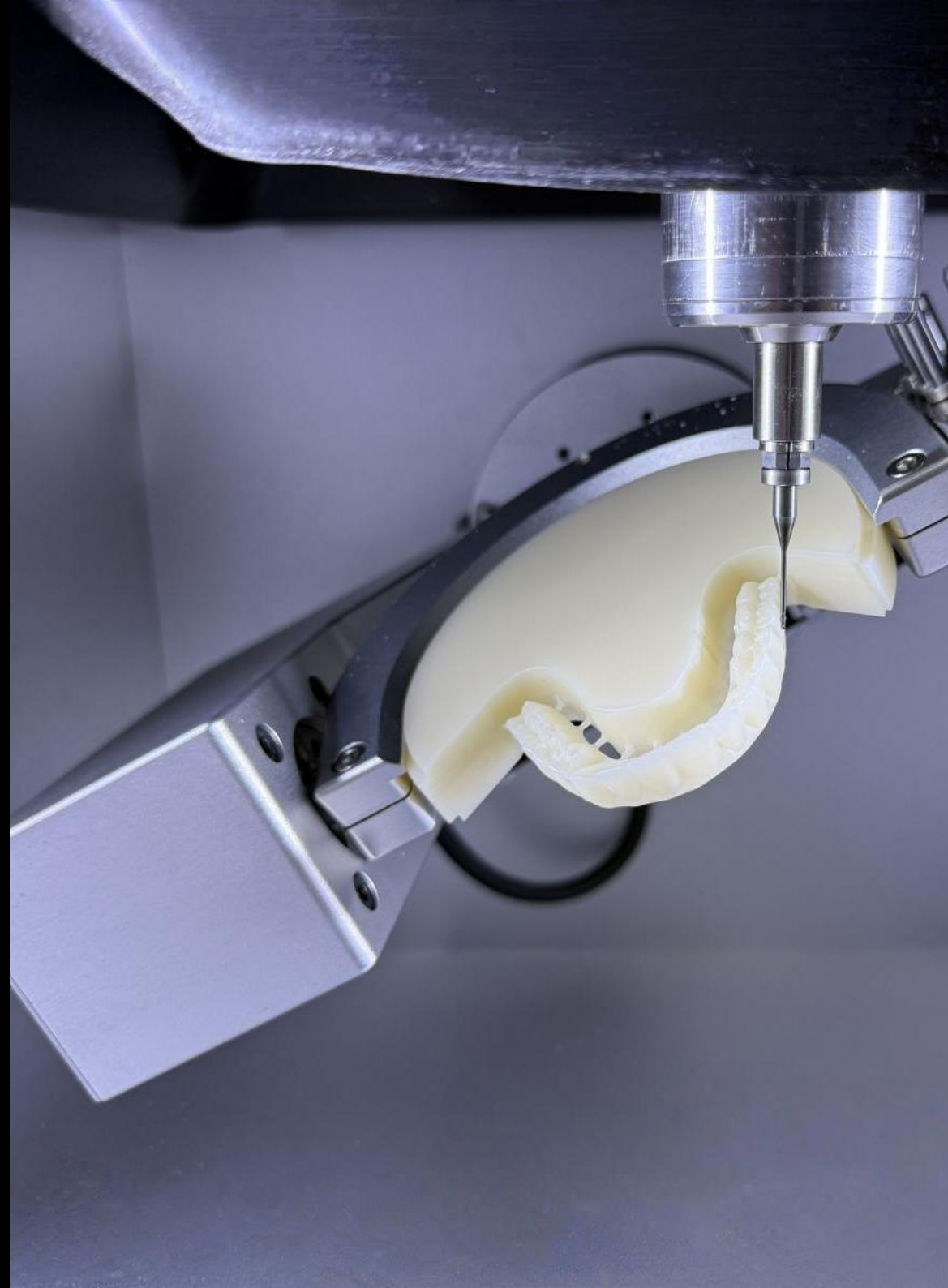
Ultra-Simple User Interface

No complicated settings.

No steep learning curve.

Just: **I**mport **S**tart **D**one.

Even new operators can learn it within minutes





Seamless Dust Protection

One-piece silicone membrane fully seals core components, blocking zirconia dust for lasting precision and reliability.

Optional German Spindle – No Air Compressor Required

The C52A can be equipped with an optional German 60,000 rpm high-power electric spindle, offering reliable performance and suitable for milling complex shapes and hard materials. Its airless design simplifies operation—just plug and mill.



Technical Parameters

General	
Processing mode	Dry
Millable material	Zirconia,wax,PMMA,PEEK,composite resin,soft milling CoCr sintering metal
Applications	Crowns, anatomical crowns, screw-retained crowns, inlays, onlays, veneers,telescopic crowns, abutments, bite splints, full dentures etc
Power	100 ~ 240V AC 50/60Hz
Dimension	498×455×645mm
Weight	80kg
Air supply pressure	0.6 MPa
Basic construction	Aluminium
Rotary axis A-axis	±360°
Rotary axis B-axis	±30°
Tool	7
Speed	60,000rpm
Positioning/Repositioning accuracy	0.01/ 0.005 mm

