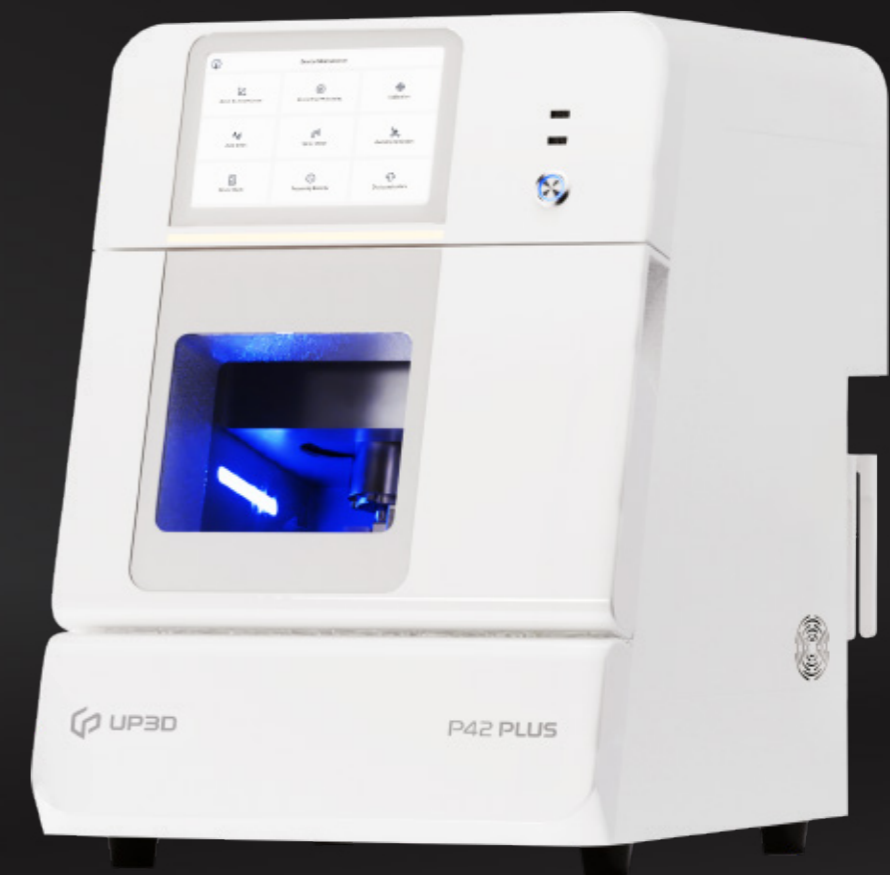




P42 PLUS


— Wet Milling with Power, Precision, and Ease —

Digital Technology Improves Life



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• **P42 PLUS**
Smart, Compact,
Ready for Anything

Looking for a compact wet milling unit that's easy to set up and fits wherever you need it?

P42 PLUS is built to make wet milling simpler, cleaner, and more efficient—without compromising performance.

With no external air compressor required, installation is truly plug-and-play. Whether it's a small lab bench or a clinic corner, P42 PLUS fits right in.

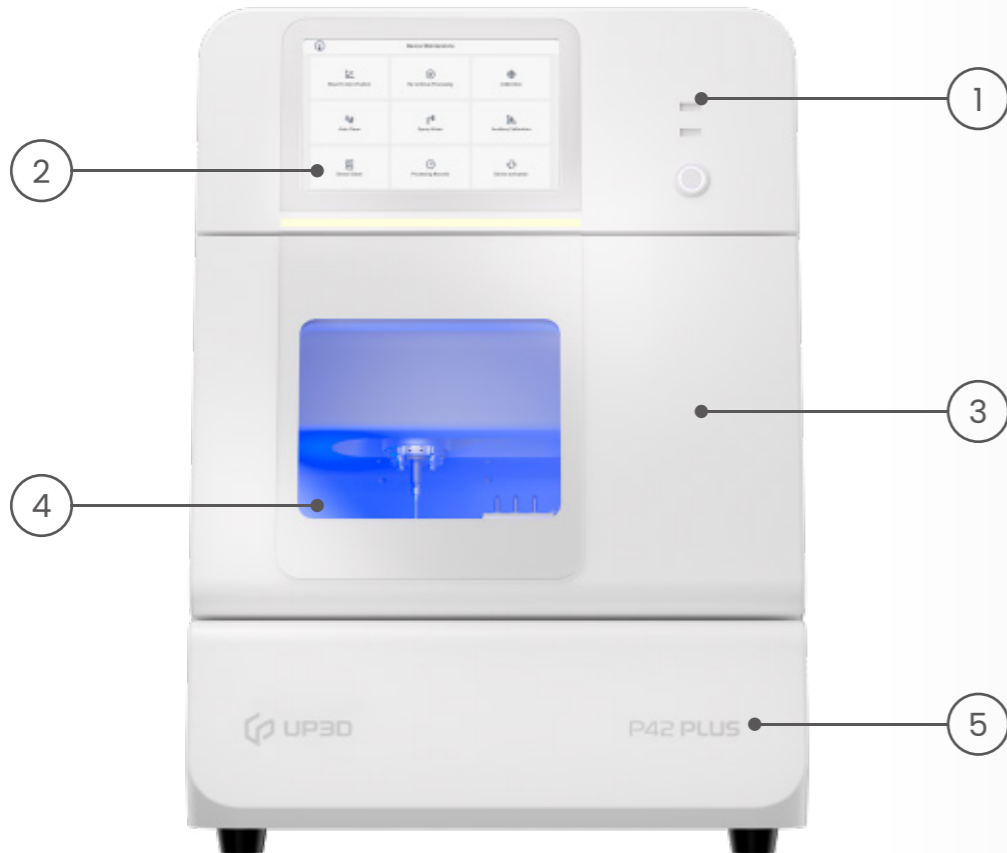
It's optimized for high-quality milling of glass ceramics, PMMA, and composite resin—perfect for crowns, copings, inlays, onlays, and more.

And whether you're handling one case or batching several a day, it delivers the speed, accuracy, and reliability your workflow depends on.

**No Compressor,
Just Plug and Mill**

Traditional wet mills rely on bulky, noisy external compressors. P42 PLUS eliminates the need for one.

It runs quieter, installs easier, and takes up less space. Fewer components mean lower maintenance and more flexibility in your workspace.



1 Plug & Play

No air compressor required
Ultra-Compact 564×564×402 mm
Compatible with 100-240V input
Wi-Fi + Ethernet + USB

2 Easy to Use

Simple, intuitive workflow
Touchscreen operation
Includes Soreal and UPCAM software
Learnable in a single day

3 Fully Compatible

Completely Open system
Works with all ceramic blocks and intraoral scanners

4 High-Performance

800W spindle with up to 60,000 RPM
1-year warranty included

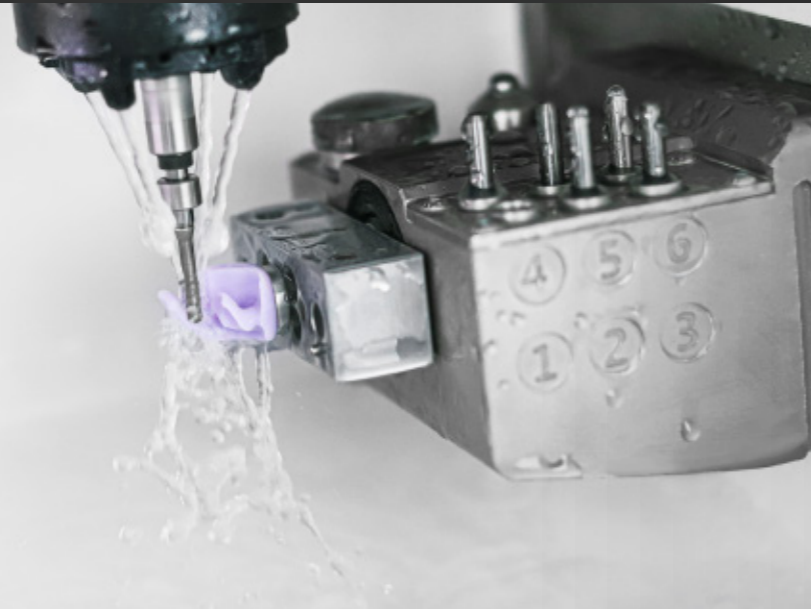
5 Efficient & Affordable

Low tool cost
Low power consumption
Affordable annual fee
Single inlay: ~15 mins
Single crown: ~25 mins

* Milling times are based on laboratory tests. Actual results may vary depending on restoration size and complexity.

Pure Water Milling

Clean, Cost-Effective,
Eco-Friendly



The P42 PLUS's innovative pure water milling technology ensures no additives are required, maintaining material integrity and reducing waste. This easy-to-manage solution not only simplifies maintenance but also lowers operational costs, giving your lab a reliable and cost-effective milling option for consistent performance.

Dual Veneer Nesting

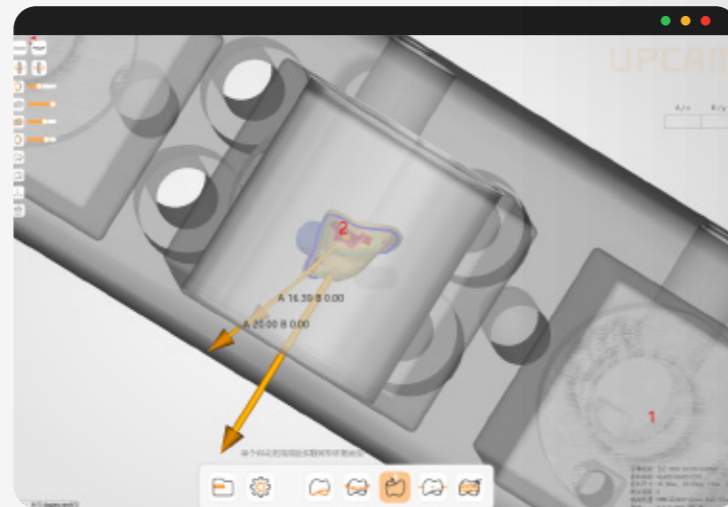
Maximize Material
Utilization and Output



P42 PLUS supports dual veneer nesting on a single ceramic block, allowing you to process multiple restorations in one go. This smart nesting minimizes material waste and maximizes output—ideal for busy labs looking to cut costs without cutting quality.

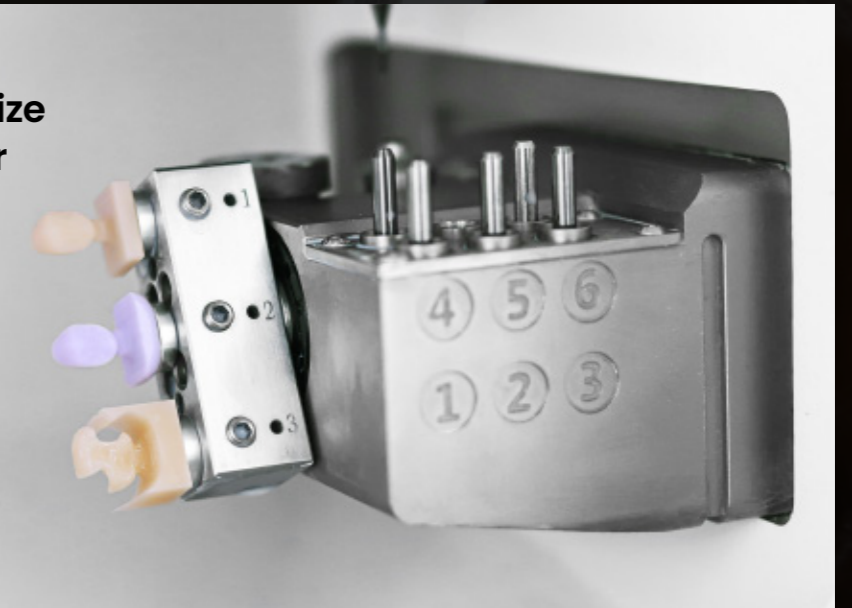
±20° A-Axis Tilt for Precise Undercut Removal

No More Complex
Manual Grinding



Equipped with a ±20° A-axis, P42 PLUS enables accurate undercut milling for complex restorations. When combined with UPCAM's smart nesting algorithms, it removes the need for manual grinding—resulting in better fitting restorations, and less rework.

Simultaneous Multi-Size Processing for Greater Flexibility

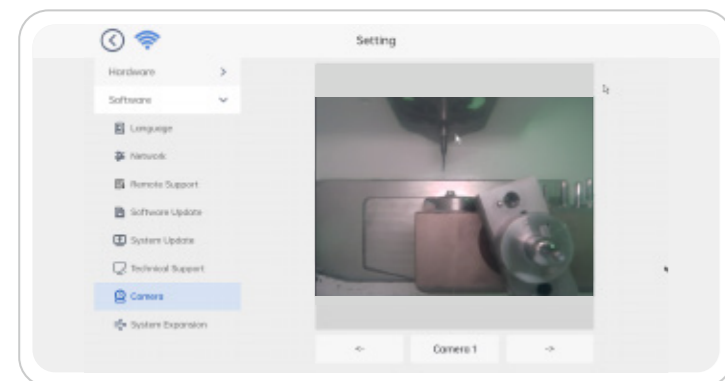
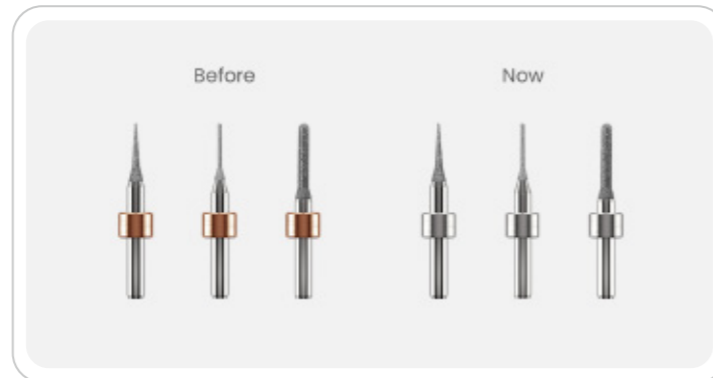


Handles up to three different material sizes at once, thanks to its precision-engineered processing capability. This innovative feature dramatically boosts production efficiency and adapts to diverse needs across dental labs and practice labs.

Engineered for Stability, Accuracy, and Ease

Upgraded Burs for Better Results

The burs designed for glass ceramic milling now feature a finer, more uniform diamond coating. This reduces edge chipping, improves margin smoothness, and enhances surface quality—especially on fragile materials.



Built-in Camera Monitoring

A high-definition internal camera gives you real-time visual access to the milling chamber. Ideal for remote troubleshooting and quality control, it helps you stay in control—improving uptime and reducing workflow interruptions.

Stable Milling from Spindle to Structure

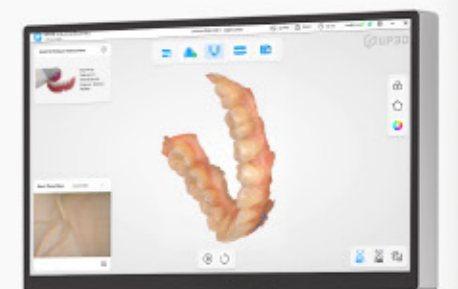
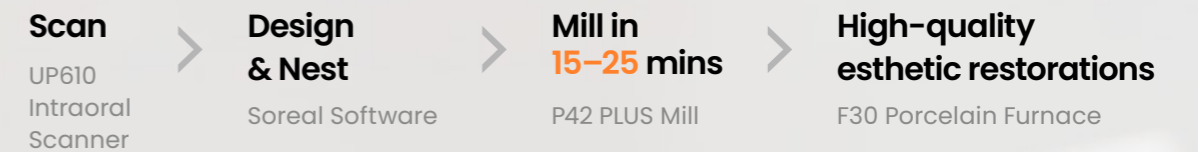
P42 PLUS combines a cast monoblock frame with high-precision motion components and an intelligent cooling system. The result: ultra-stable performance, even for demanding materials and delicate restorations.



Same-Day Restorations Made Seamless

The P42 PLUS is fully integrated into the Soreal same-day restoration system—empowering clinics to complete restorations in one visit. With the UP610 intraoral scanner, intuitive Soreal CAD/CAM software, and the plug-and-play P42 PLUS milling unit, the full workflow becomes faster, cleaner, and easier for clinicians and patients alike.

Single-unit anterior restorations can be milled in as little as 15 minutes, while molars are typically completed within 25 minutes—allowing efficient, high-quality, and cost-effective chairside treatment.

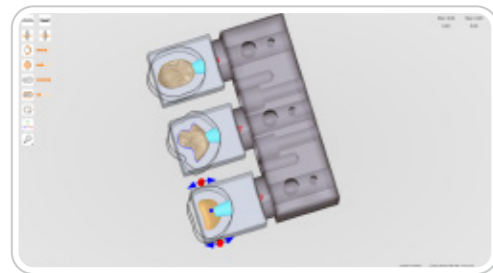


UPCAM Smarter CAM for Faster, More Reliable Milling

UPCAM is UP3D's CAM software built for fast toolpath calculation, smart nesting, and reliable automation. Configured with a full four-axis strategy, it delivers efficient, high-quality results—every time.



- **Fast Toolpath Generation**
Generates toolpaths for a single restoration in just 2 minutes—dramatically improving case turnaround.



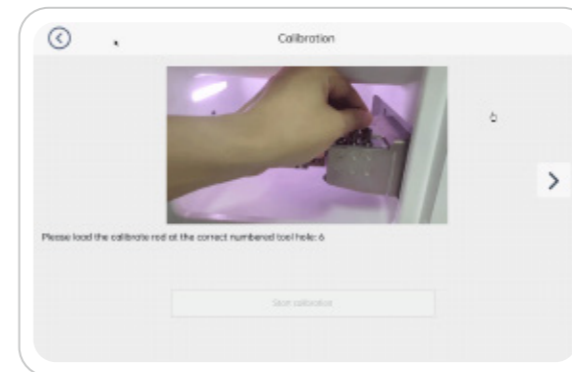
- **Smart Nesting Algorithms**
Smart positioning reduces over 95% of manual adjustments—improving workflow efficiency.



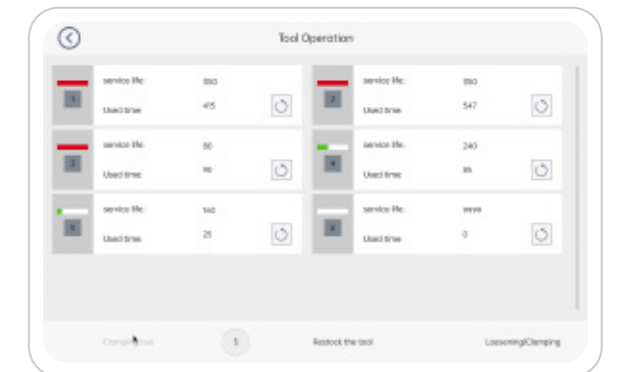
- **Real-Time Simulation & Risk Detection**
Visualize milling paths and identify potential errors before production with one-click simulation.

CNC-3 New Control Software

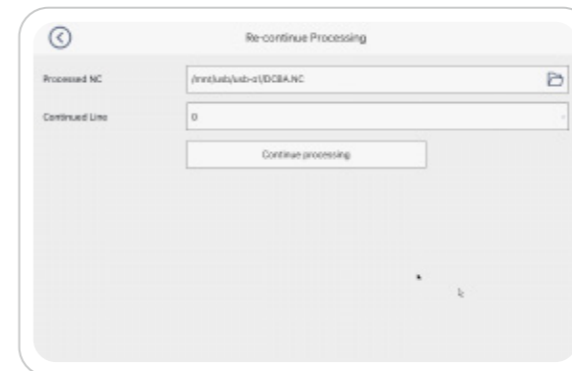
- **Simpler, More Efficient**



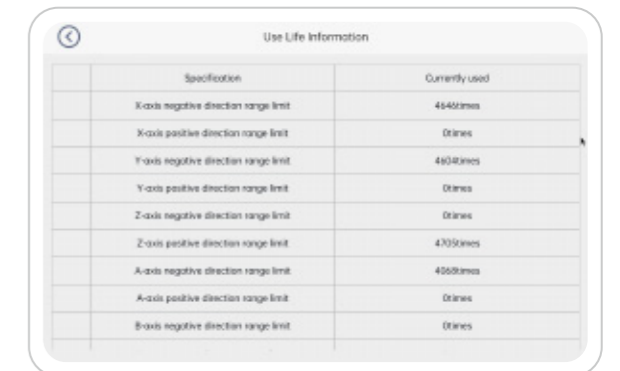
One-Click Auto Calibration



Tool Life Monitoring



Breakpoint Resume



Real-Time Usage Tracking



Flushing & Cleaning Mode

Materials & Indications

- Enjoy the Freedom of Choice

Materials Supported



Composite Resin



Glass Ceramics



PMMA



Titanium

* Titanium milling requires optional accessory set

Indications



Crowns



Screw-Retained Crowns



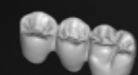
Inlays & Onlays



Veneers



Custom Abutments



Three-Unit Bridges

P42 PLUS Specifications

GENERAL	
Fields of Application	Wet machining
Materials	Glass ceramics, titanium, composite resin, PMMA
Material Specifications	Blocks up to 40x20x20mm (Max)
Indications	Full Crown, Full Crown Bridge, Screw-Retained Crown, Inlay, Onlay, Veneer, Customized
	Abutment
BASE SYSTEM	
Construction	Machine bed made of solid cast aluminum body
Number of Axes	4-axis
Rotary Axes (A/B)	A-axis: 360°
Lighting	LED lighting inside the working chamber
SPINDLE	
General	High-frequency spindle, automatic tool change, no air cooling required
Speed	60,000 rpm (max)
Tool Holding Diameter	Φ4.0mm
Power	Peak power (Pmax): 800 watts • continuous power (Si): 450 watts
AUTOMATION	
Tool Change	Tool magazine for 6 tools, length measurement and tool breakage monitoring via
	precision measuring key
CONNECTION REQUIREMENTS	
Voltage	AC 100V-240V, 50-60Hz
Data	Wi-fi, USB, Ethernet port
ENVIRONMENTAL CONDITIONS	
Operating Temperature	Between 5 °C and 40 °C
Air Moisture	Below 80% (relative), non-condensing
DIMENSIONS & WEIGHT	
Dimensions	564 x 402 x 564 (mm)
Weight	80kg
SCOPE OF DELIVERY	
CAM Software	UPCAM