

Rapid Shape Launches **PRO 30**: The Most Powerful Desktop 3D Printer for Dental Labs

The PRO 30's large build platform paired with high printing scalability, enables 24-hour turnaround times for growing dental labs



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Heimsheim, Germany – October 1, 2025 – Rapid Shape, a leading German manufacturer of high-precision 3D printing solutions, announces the launch of the **PRO 30**, the **desktop MVP** for dental laboratories. The **PRO 30** is the Most Valuable Player because it is engineered specifically for dental labs requiring highly productive desktop printing, enabling scalable batch production with up to **6 full arch dental models** per build, allowing laboratories to achieve **24-hour turnaround times** with unprecedented productivity gains.

"The PRO 30 is our desktop MVP – delivering industrial-grade performance in a compact footprint that fits seamlessly into any lab or clinic configuration" said Andreas Schultheis, CEO of Rapid Shape, "Despite its powerful 6 full arch model capacity, the PRO 30 maintains the space-efficient design essential for tabletop printing environments."

Engineered for Powerful Performance with Advanced Technologies

The PRO 30 sets a new benchmark for desktop dental 3D printing with **4K DLP precision** and **±25µm XY accuracy**. Powered by Rapid Shape's patented **Force Feedback and RS Turbo technology**, the PRO 30 delivers exceptional speed while maintaining perfect-fitting quality:

- **25 minutes:** 6 crown & bridge models at 50µm layer thickness
- **30 minutes:** 9 full arch surgical guides at 100µm layer thickness
- **90 minutes:** 13 denture bases or 18 splints with Crystal Polish finish

"The PRO 30 is really a next-level 3D printer," said [Przemek Seweryniak](#), CDT and CEO of Cosmodent, Sweden. "We primarily use it for printing models, and the large platform allows us to produce many at once with impressive precision. We started as beta testers, but the PRO 30 has now become our go-to printer for implant models — the accuracy and capacity make it perfect for our workflow."

Complete End-to-End Dental 3D Printing Workflow Solution

The PRO 30 solution provides a comprehensive workflow from design to finished parts:

Print Studio: AI-driven software with automatic support settings and seamless CAD integrations, enabling 3-click print preparation in under 60 seconds

PRO 30 Printer: Features built-in chamber heating for viscous dental resins, integrated camera for print job monitoring, and RFID material identification with 100+ validated dental resins

WASH & CURE Systems: Automated post-processing with pre-set parameters and 360° vacuum-assisted curing for optimal results

Advanced Engineering Features for Dental 3D Printing

The PRO 30 incorporates breakthrough technologies for continuous production:

- **Tempered Glass Reservoirs:** ~300 print jobs per reservoir without timing out
- **Perforated Build Platforms:** Faster lift times achieving faster printing speeds
- **Crystal Polish Technology:** High-shine splints direct from printer, saving 10 minutes manual labor per splint
- **Efficient Internal Cooling:** Ensures continuous production capability

With the purchase of a PRO 30, each customer receives access to a **1-Year CARE PLUS Plan** featuring 90-day coaching with Digital Workflow Specialists, full repair coverage with immediate device replacement, Customer Portal access, and remote expert support.

The PRO 30 is available immediately through authorized Rapid Shape distributors worldwide with a 2-3 week lead time.

[Book a demo](#) with Rapid Shape's Digital Workflow Specialists or contact your local distributor to experience high-volume desktop dental 3D printing.

About Rapid Shape

Founded in 2011, Rapid Shape is a leader in high-precision 3D printing solutions for dental, jewelry, hearing aids, and industrial applications. Combining German engineering with cutting-edge technology, the company delivers reliable, scalable systems that streamline workflows and ensure unmatched accuracy. Committed to innovation, sustainability, and global partnerships, Rapid Shape is shaping the future of 3D printing.

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