

Rapid Shape Simplifies In-Office Dentistry with Intuitive **ONE** 3D Printing Solution Dentistry

The ONE brings unmatched ease and precision to dental practices, enabling high-speed, high-accuracy printing for over 15 dental applications.



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Heimsheim, Germany – March 26, 2025 – Rapid Shape, a leading German manufacturer of high-precision 3D printing solutions, announces the launch of the ONE Chairside 3D Printing Solution, setting a new standard for in-office dental printing. Designed to simplify the adoption of 3D printing technology, the ONE empowers dental offices and in-office laboratories to easily integrate cutting-edge digital workflows for enhanced patient care.

15+ Dental Applications with Complete Process Safety

With 34 μm XY accuracy, the ONE 3D printer is engineered for over 15 dental indications, including high-precision crown and bridge models, occlusal guards, provisionals, and long-term restorations. Validated with premium 3D printing resins, the ONE offers a complete end-to-end workflow, ensuring process safety and consistency with features like RFID material identification and intelligent connectivity from print to post-processing.

The ONE 3D printing solution includes:

- **Print Studio:** An AI-driven slicing software integrated with leading CAD systems, guiding users from design to print in just three clicks, minimizing adjustments and maximizing efficiency.
- **ONE 3D Printer:** Ensures correct material usage and includes specialized handling tools for a mess-free printing process.
- **ONE Wash:** Automates the 2-step wash cycle with minimal user contact, ensuring safe and efficient cleaning with automatic drying.
- **ONE Cure:** Delivers 360-degree curing with pre-installed parameters in a vacuum-sealed chamber, accommodating up to six dental models for optimal accuracy and durability.

Learn 3D Printing with the Rapid Shape Expert Team

Breaking down barriers to digital dentistry, the ONE 3D printing solution comes with comprehensive onboarding training by Rapid Shape's Digital Workflow Specialists. Ongoing support and extensive workflow guides ensure that users can maximize the benefits of their in-house 3D printer and integrate the solution into existing workflows seamlessly.

H2: ONE 3D printer, TWO Powerful Solutions

The ONE caters to diverse dental needs with two versatile configurations:

- **Large Build Platform:** Prints up to two full arch crown & bridge models flat or up to six occlusal guards vertically, maximizing productivity.
- **Rapid Crown Kit:** Ideal for same-day appointments, this high-speed accessory prints up to eight single-unit crowns in less than 15 minutes with minimal resin waste, enabling tailored provisionals and long-term restorations faster than ever before.

Powered by Rapid Shape's patented RS Turbo technology, the ONE delivers unmatched printing speed, precision, and ease of use, enhancing digital workflows and patient care.

The ONE 3D Printing solution will be available starting April 2025 through authorized Rapid Shape distributors worldwide. Book a demo today or find your local distributor to experience the future of in-office 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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