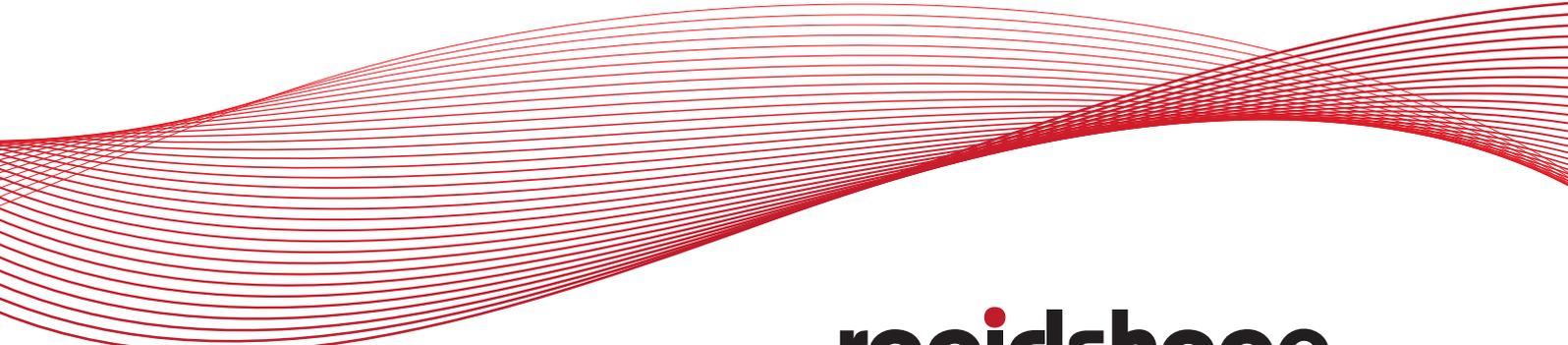


The new 3D printing
standard for speed and
reliability

A decorative graphic consisting of numerous thin, parallel red lines that flow and curve across the bottom half of the page, creating a sense of motion and depth.

rapidshape
DENTAL

“ Who produces dental products, applies an exacting standard to his equipment. The fast and efficient production of excellent products with perfect esthetics are competitive advantages that ensure your dental lab a high customer loyalty. Our highly efficient 3D printers were developed in close collaboration with labs and material manufacturers. Rapid Shape 3D printers are customized to meet the specific needs of each unique dental lab. We deliver the solution and the service to optimize your efficiency.”

Andreas Schultheiss
CEO Rapid Shape GmbH



Professional solutions for all applications



Reliable

- Easy and intuitive to use
- Sturdy and durable technology
- Functional engineering concepts for the professional application



Fast

- Drill guides or temporaries printed in starting from 16 minutes
- Patented Force Feedback System



Precision & esthetics

- Validated precision
- Excellent color fidelity and transparency through UV-light



Professional & personal

- Complete solutions for modern dental technology
- Fast and personal service
- Remote and on-site training available



Certified

- Certified material partners
- Documented processes
- Quality assuring maintenance offers



Flexible

- Material change in less than 30 seconds
- A wide variety of applications in one system
- Open system

D90 II UV
page 14



D30 II and D40 II
page 12



D20 II
page 10



Each machine is an all-rounder

2 x surgical guides, printed in approx. 16 minutes



2 x stump- or implant-models, printed in approx. 45 minutes

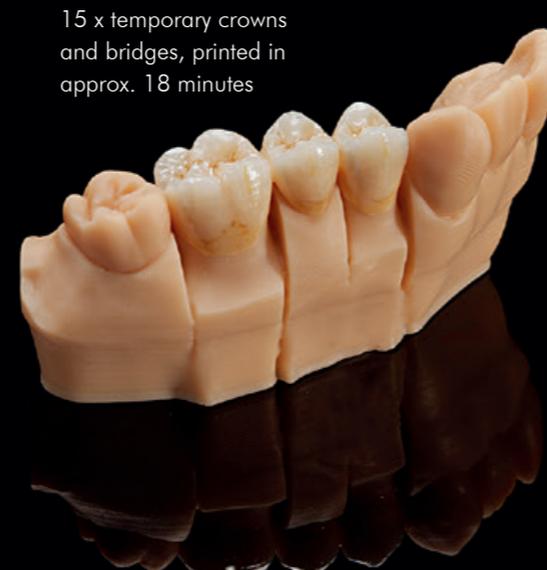


15 x gingiva masks, printed in approx. 15 minutes

All mentioned printing times are based on jobs done on a D20 II equipped with Force Feedback System.



4 x casts and partials, printed in approx. 50 minutes



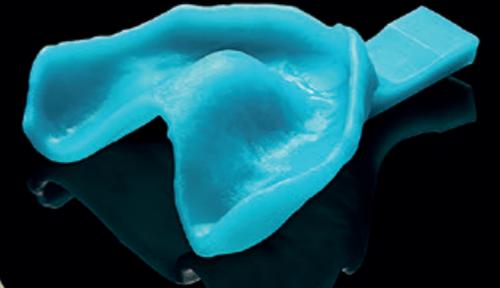
15 x temporary crowns and bridges, printed in approx. 18 minutes



7 x ortho models, printed in approx. 60 minutes



8 x splints, printed in approx. 60 minutes



6 x trays, printed in approx. 60 minutes

4 x denture bases, printed in approx. 75 minutes



Automatic door opener at D30 II and D40 II



Material identification



Integrated 10" touch-screen, Windows embedded OS



Robust swiveling door at D20 II



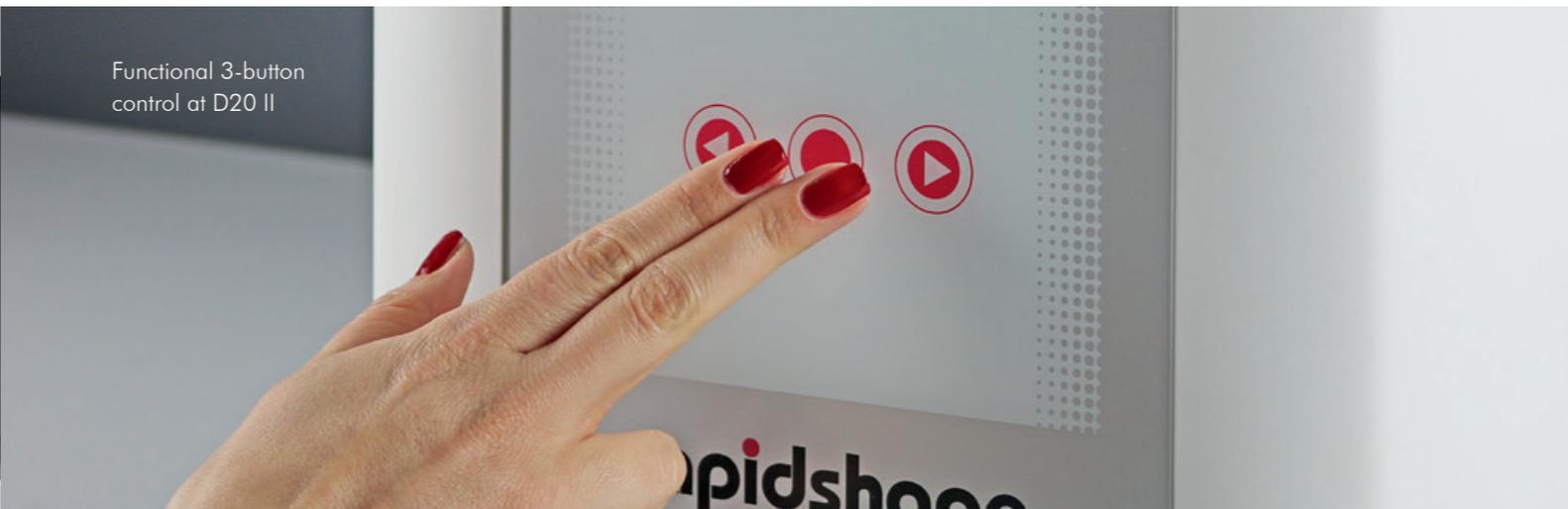
Closed Resin handling system (RHS)



Open RHS



Functional 3-button control at D20 II



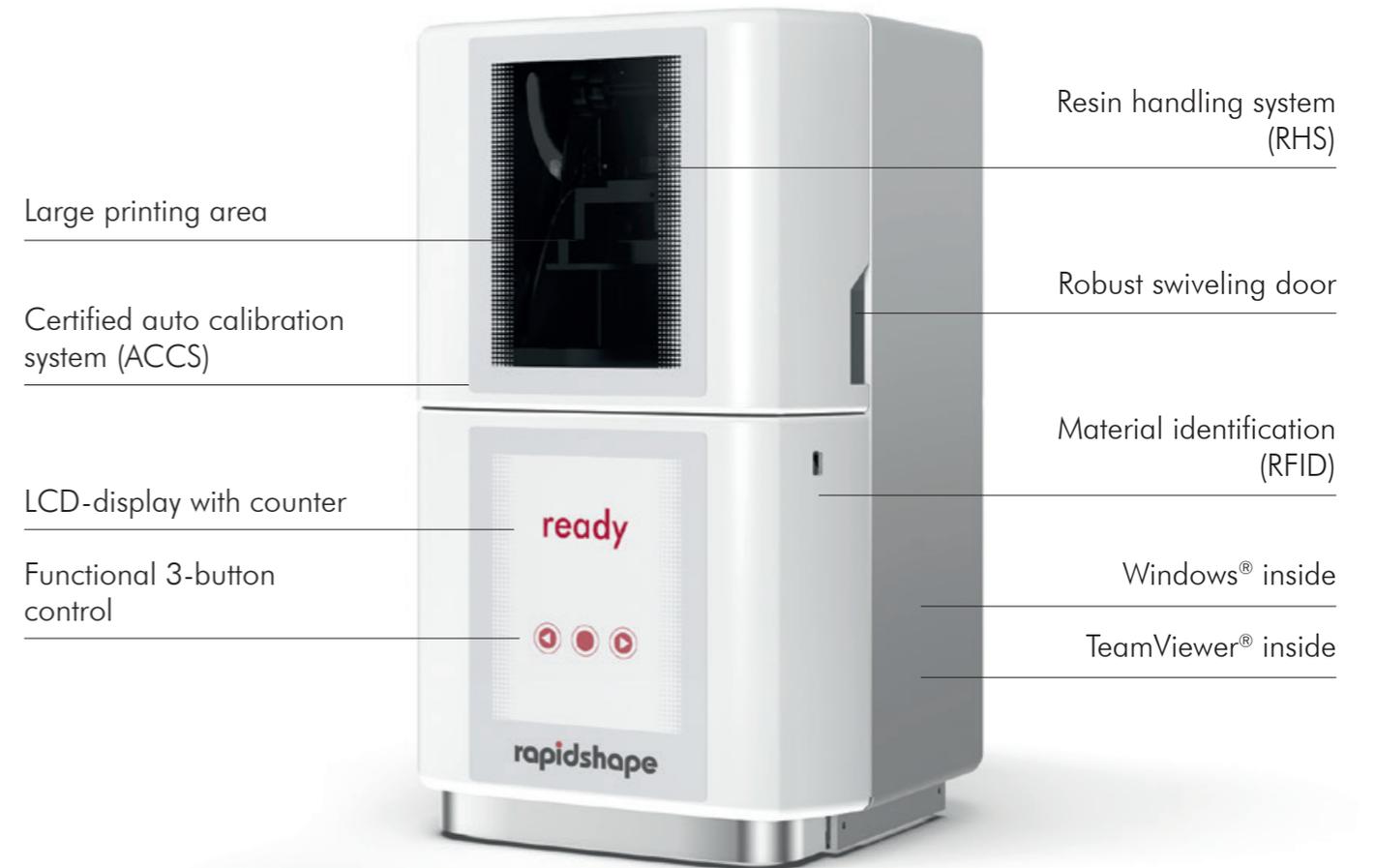
D20 II

The compact basic solution for the professional use in small labs and dental clinics.

Rapid Shape D20 II produces high-precision and esthetic dental products made from certified, biocompatible materials.

Thanks to short production times, there is no need for patients to schedule a second appointment. The D20 II is the perfect compact unit for medical practices, clinics, and small labs. A certified software interface for common lab programs comes standard in each unit.

Performance parameters	D20 II
Building area	130 × 75 mm
Native pixel	+/- 34 μm
Max. part height	90 mm
Light source	385 nm UV LED
Resolution	HD 1920 × 1080 px
Dimension (W × H × D)	335 × 541 × 349 mm
Connections	WLAN, TCP/IP, USB
Control	7" LCD-Display, 3-button control



Low space requirement



Low acquisition cost



Chairside treatment

D30 II and D40 II

**Powerful and flexible:
The professional solution
for labs.**

Rapid Shape D30 II and D40 II are flexible and efficient machines for the production of excellent dental products made from certified, biocompatible materials.

Designed with automatic temperature control for continuous use without dimensional changes of the final products. Touch door opener, 10-inch color display, and patented Force Feedback System come standard in each unit for a maximized production speed.

Performance parameters	D30 II	D40 II
Building area	130 × 75 mm	2 × 130 × 75 mm (dual projection unit)
Native pixel	+/- 34 μm	+/- 34 μm
Max. part height	110 mm	110 mm
Light source	385 nm UV LED	385 nm UV LED
Resolution	HD 1920 × 1080 px	dual HD 1920 × 1080 px
Dimension (W × H × D)	480 × 690 × 410 mm	480 × 690 × 410 mm
Connections	WLAN, TCP/IP, USB	WLAN, TCP/IP, USB
Control	10" touch-screen, 7" LCD-Display	10" touch-screen, 7" LCD-Display

Integrated
10" touch-screen

Large printing area

Resin temperature
control

LCD-display with counter

Automatic door opener

Resin handling
system (RHS)

Certified
auto calibration
system (ACCS)

Material identification
(RFID)

Windows® inside

TeamViewer® inside



Designed for
continuous use



User friendly



D90 II UV and D90 II UV XL

The model for the industrial dental production at minimum unit costs.

Rapid Shape D90 II UV series offers all features for the mass production of high quality dental products.

Thanks to a dual-circuit cooling system with heat exchanger, 24/7 continuous manufacturing is possible. A robot-supported function is enabled through compatibility with an automatic platform changer.

Performance parameters	D90 II UV	D90 II UV XL
Building area	160 × 100 mm	192 × 120 mm
Native pixel	+/- 32 μm	+/- 38 μm
Max. part height	150 mm	150 mm
Light source	385nm, ultra high power UV LED	385nm, ultra high power UV LED
Resolution	4K 2560 × 1600 px	4K 2560 × 1600 px
Dimension (W × H × D)	443 × 1593 × 625 mm	443 × 1593 × 625 mm
Connections	TCP/IP, USB	TCP/IP, USB
Control	10" touch-screen	10" touch-screen

Integrated 10" touch-screen

Certified auto calibration system (ACCS)

AC controlled interior for continuous use

Optional coming with platform changer

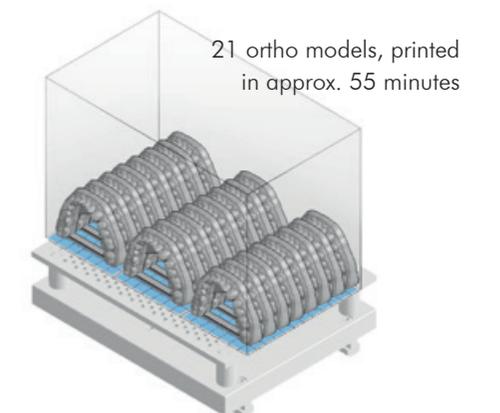
Automatic changing of platforms. Capacity for up to 8 platforms. Unmanned operation.

Automatic door opener

Material identification (RFID) for control and reliability

Material change within seconds

Comfortable working height



Designed for industrial continuous manufacturing



Lowest cost per part



Joint development of applications

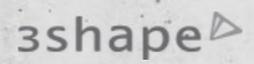


We make the difference

Engineering, production, and service in top quality: Our team represents the best in performance from professional business to professional business. We develop the best possible solutions and assist the customers with fast and personalized service - with this philosophy we make our performance pledge to you:

„As a specialized manufacturer of 3D printers for the dental industry, Rapid Shape promises that our expertise in machine design and service will exceed your expectations. We pledge to optimize your processes and spare no effort to meet the challenges in the lab quickly and competently.“

Certified Software Partner



Certified Material Partner



Decide on quality „Made in Germany“

Each Rapid Shape machine is designed and produced in Germany. Each unit results from the exacting standards of German engineering, our high quality research, production, and service. This is how we define top-level engineering and competent personal service.

Contact us now for further information about our fast, secure and reliable 3D dental printers:

 +49-7033-309-878-0

 info@rapidshape.de

Or contact your local distributor.



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