

STRAUMANN® P SERIES

For 3D printing solutions in
professional laboratories.



STRAUMANN® P SERIES

Outstanding precision and productivity

STRAUMANN® P20+

Page 6

The **economic, professional** 3D printing solution for dental laboratories.



STRAUMANN® P30+

Page 8

Automated, powerful and productive: The workhorse for professional dental laboratories. Non-stop printing thanks to the ASM technology.



STRAUMANN® P50+

Page 10

Made for productive customers, with a high print volume, the P50+ can operate on an industry like level, produces up to 10 models in 30 minutes and features ASM technology, as well as automated material refill for non-stop printing.



Your Straumann solutions for professional 3D printing tailored to your needs in the laboratory or practice.

P WASH & P CURE

Page 12

Automated, connected and integrated washing and curing solutions to make post-processing easy and simple to use.

STRAUMANN® PRO RESINS

Page 14

Straumann offers a variety of resins covering nearly all dental indications. Straumann PRO Resins have been tested by our engineers and dental technicians.



EFFICIENCY

Increase the efficiency of your workflow and shorten your turnaround times.



HIGH QUALITY

Reproducible results and premium quality from Straumann®.



PRODUCTIVITY

Increased productivity and profitability across the board, from planning, through to manufacture and final restoration.



FLEXIBILITY

Fully controlled and individually adaptable production process.

INDICATIONS

A wide variety of materials for a whole host of indications

SURGICAL GUIDES



IMPRESSION TRAYS



GINGIVA MASKS



CAST / BURN-OUT MATERIAL





Scanning



Planning/design



3D printing



Post-processing

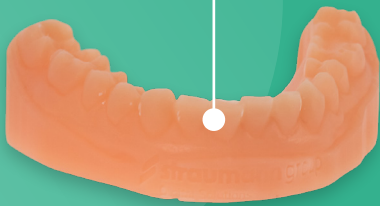
BITE SPLINTS



PROVISIONAL CROWNS AND BRIDGES



ORTHO MODELS



MASTER MODELS



TRY-INS



STRAUMANN® P20+

Welcome to professional 3D printing.

The Straumann® P20+ designed for dental laboratories and clinics, who want to start their professional printing path with Straumann. Designed to deliver quality results, fast, thanks to the patented Force Feedback technology that can be added to the P20+. Combined with Straumann resins the system was validated by Straumann engineers to deliver quality dental parts for medical and non-medical applications.

Technical Specifications	P20+
Build area	133 × 75 mm
Native pixel	+/-34 µm
Max. part height	90 mm
Light source	385 nm UV LED
Resolution	HD 1920 × 1080 px
Dimensions (W × H × D)	335 × 541 × 349 mm
Connections	WLAN, Ethernet, USB
Control	7" touchscreen



Peace of mind



Outstanding speed



User-friendly



Validated processes

STRAUMANN® P30+

Welcome to automation in printing.

The Straumann® P30+ designed for dental laboratorie, who want to automate their 3D printing operations and reduce resin spillage in their lab. Thanks to the patented automatic separation module (ASM), the P30+ offers superior automation. By cutting-off printed parts automatically, it reduces resin spillage and downtime in-between jobs. The integrated job-queue allows to print multiple jobs in a row, which leaves you with the task to empty the integrated basket and post-process the finished parts.

Technical Specifications	P30+
Build area	133 × 75 mm
Native pixel	+/-34 µm
Max. part height	155 mm (with ASM 70 mm)
Light source	385 nm UV LED
Resolution	HD 1920 × 1080 px
Dimensions (W × H × D)	480 × 690 × 410 mm
Connections	WLAN, Ethernet, USB
Control	10" touchscreen

- 1 Automatic Separation Module (ASM)
- 2 Resin temperature control
- 3 Material identification (RFID)
- 4 Certified auto calibration (ACCS)
- 5 Integrated Force Feedback
- 6 Remote Access available



Peace of mind



Outstanding speed



Superior automation



Validated processes



User-friendly

STRAUMANN® P50+

Welcome to manufacturing freedom.

The Straumann® P50+ designed for dental laboratories, who want scalable, automated and flexible volume-production of dental appliances through 3D printing. The Straumann® P50+ distinguishes itself from conventional 3D printers with innovative features like Force Feedback technology, Automatic Separation Module (ASM), automatic material refill, intelligent connectivity and a large build area. These intelligent new features deliver superior automation, continuous high-speed walk-away printing, flexible validated processes and higher productivity than any 3D printer on the market. And all at a cost price lower than the annual lease cost of its closest competitor. Providing high productivity with low investment. The result: outstanding speed that delivers unrivalled productivity. User friendly, superior automation, thanks to tested processes that ensure your peace of mind.

Technical Specifications	P50+
Build area	231 × 130 mm
Native pixel	+/-30 µm
Max. part height	300 mm (with ASM 100 mm)
Light source	385 nm LED
Resolution	4K
Dimensions (W × H × D)	600 × 1660 × 570 mm
Connections	WLAN, Ethernet, USB
Control	10" touchscreen

- 1 Automatic Separation Module (ASM)
- 2 Resin temperature control
- 3 Automatic door opener
- 4 Material identification (RFID)
- 5 Certified auto calibration (ACCS)
- 6 Integrated Force Feedback
- 7 Remote Access available
- 8 Material refill system

- 1
- 2
- 3
- 4



- 5
- 6
- 7
- 8



Superior automation



Peace of mind



Outstanding speed



Validated processes



Unrivalled productivity



User-friendly

P WASH

Welcome to simple cleaning.

The Straumann® P wash designed for optimal washing results with Straumann® P series 3D printers. The automatic cleaning unit significantly simplifies post-processing. In just a few minutes, the printed objects are freed from their sticky resin residues, fully automatically without the need for the user to touch them. This minimizes the consumption of cleaning liquids while also producing optimal results. Intelligent connectivity to the Straumann® P series 3D printer make for a user-friendly experience that leaves no room for error when producing 3D printed dental prosthetics.

- 1 Active carbon air filter
- 2 Material specific cleaning programs
- 3 Intelligent connectivity
- 4 Stackable with P cure

Technical Specifications	P wash
Cleaning chamber volume	119 × 160 × 99 mm
Cleaning times	~10 minutes*
Cleaning agent	Isopropyl alcohol
Control	Touchscreen
Connections	WLAN, Ethernet
Dimensions (W × H × D)	235 × 464 × 270 mm (w/o iso container) 344 × 464 × 309 mm (w/ iso container)
Weight	17 kg

*depending on the selected material



Peace of mind



Outstanding speed



Clean process



Validated processes



User-friendly



Scanning



Planning/design



3D printing



Post-processing

P CURE

Welcome to easy curing.

The Straumann® P cure designed for curing quality 3D printed parts. The automatic curing unit simplifies post-processing. In just a few minutes it cures parts, completely automatically, without the need for an external gas supply. The inbuilt vacuum pump excludes oxygen from the curing process. This allows for a quality curing with reliable and repeatable outcome. Enjoy peace of mind thanks to intelligent connectivity and a vast library of material specific curing programs.

- 1 360° UV curing
- 2 Material specific curing programs
- 3 Intelligent connectivity
- 4 Stackable with P wash
- 5 Integrated vacuum

Technical Specifications	P cure
Curing chamber volume	179 × 117 × 102 mm
Cleaning times	~15 minutes*
Curing environment	Vacuum
Control	Touchscreen
Connectivity	WLAN, Ethernet
Dimensions (W × H × D)	243 × 419 × 269 mm
Weight	14.5 kg

*depending on the selected material



- 1
- 2
- 3
- 4
- 5



Peace of mind



Outstanding speed



Clean process



Validated processes



User-friendly

STRAUMANN® PRO RESINS

Welcome to the next generation of resins.

Straumann® PRO Resins is a portfolio of light-curing 3D printing resins, engineered for use on Straumann® P series 3D printers. PRO Resins is made for dental professionals who want to 3D print with quality and peace of mind.

Unlike other resins PRO Resins is optimized for reliable, repeatable, quality outcomes, tested by Straumann engineers. Experience peace of mind through our library of certified material parameters and our outstanding technical support.



1 MODEL X

- Improved resin stability
- Accuracy
- Enhanced matte texture
- Ultra smooth surfaces

2 DENTURE

- Outstanding esthetics
- Easy to manufacture
- Efficient to produce
- One coherent system
- Homogenous material
- Excellent fit

3 CROWN X

- Outstanding esthetics
- Wear resistant and hard
- Efficient to produce
- Permanent

4 MODEL Y

- Fast to print
- Accuracy



High Quality



Peace of mind

WE ARE THERE FOR YOU

International Headquarters

Institut Straumann AG

Peter Merian-Weg 12

CH-4002 Basel, Switzerland

Phone +41 (0)61 965 11 11

Fax +41 (0)61 965 11 01

www.straumann.com

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