

STRAUMANN[®]

P SERIES

3D printing solutions for
dental professionals



STRAUMANN® P SERIES

Outstanding precision and productivity

STRAUMANN® P20+

Page 6

The economic 3D printing solution for progressive dental professionals.



STRAUMANN® P30+

Page 8

Automated, powerful and productive, this high-output workhorse comes in a small form factor. ASM technology enables non-stop production for both labs and clinics.



STRAUMANN® P50+

Page 10

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





Scanning



Planning/design



3D printing



Post-processing

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



EFFICIENCY

Increase workflow efficiency with quicker turnaround times



HIGH QUALITY

Reproducible results and premium quality from Straumann®



PRODUCTIVITY

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



FLEXIBILITY

Fully controlled and individually adaptable production process

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.



INDICATIONS

A wide variety of materials for a host of indications

SURGICAL GUIDES

Printed as planned – our ecosystem is designed to print guides with high-precision sleeve fit



FULL ARCH TEMPS

Print same-day immediate full arch temps



DENTURE

Build functional, esthetic and stable dentures with our easy-to-use ecosystem for printed dentures



BITE SPLINTS

Protect patient restorations with low-cost bite splints





Scanning



Planning/design



3D printing



Post-processing

PERMANENT CROWNS

The future of definitive restorations is here with hybrid ceramic-based resins



PROVISIONAL CROWN & BRIDGE

Print immediate temps for implant restorations



MASTER MODELS

Precision prints you can trust – from sturdy cast to verified implant model



TRY IN

Print your functional and esthetic try-in before delivering the final denture



STRAUMANN® P20+

Welcome to professional 3D printing

The Straumann P20+ is designed for dental professionals who want Straumann quality in a 3D printer. With our patented Force Feedback technology, you can achieve precision prints at lightning speed. Combined with Straumann resins, the P20+ delivers results tested and validated by the same team you trust with your dental implants.

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



Scanning



Planning/design



3D printing



Post-processing

1

2



3

4

1

MATERIAL IDENTIFICATION (RFID)

Makes loading new print materials that much easier

2

CERTIFIED AUTO CALIBRATION (ACCS)

Ensures consistent print accuracy week over week

3

FORCE FEEDBACK

Optimizes print speed without compromising accuracy

4

REMOTE ACCESS AVAILABLE

Quick connection to our technical experts



Peace of mind



Outstanding speed



User-friendly



Validated processes

STRAUMANN® P30+

Welcome to automation in printing

The Straumann® P30+ is designed for dental professionals who want to automate production and reduce resin waste. The automatic separation module (ASM) removes printed parts from the build plate and deposits them in the catch bin with minimal resin waste. This allows the integrated job queue function to run continuous print cycles without interruption. By automating the printing department, scaling is that much easier.

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



Scanning



Planning/design



3D printing



Post-processing

1 AUTOMATIC SEPARATION MODULE (ASM)
Removes parts from the build plate for continuous, unattended printing

2 RESIN TEMPERATURE CONTROL
Heats resins to optimal temperature for improved printability

3 INTEGRATED FORCE FEEDBACK
Optimizes print speed without compromising accuracy

4 REMOTE CONTROL ACCESS
Connects you to our technical experts instantly

1

2

3

4



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 UV LED
Resolution	4K
Dimensions (W × H × D)	600 × 1660 × 570 mm
Connections	WLAN, Ethernet, USB
Control	10" touchscreen



Scanning



Planning/design



3D printing



Post-processing

1 AUTOMATIC SEPARATION MODULE (ASM)

Removes parts from the build plate for continuous, unattended printing

2 MATERIAL REFILL SYSTEM

Automatically flows resin into the reservoir to enable continuous, high-volume output

3 INTEGRATED FORCE FEEDBACK

Technology optimizes print speed without compromising accuracy

4 EXTRA LARGE BUILD PLATFORM

Allows for mass production of dental appliances



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 HERE FOR YOU

WELCOME TO STRAUMANN® DIGITAL SOLUTIONS

Please scan the appropriate QR code or utilize the URLs to quickly access a single hub for technical support, product training, case management, CAD/CAM design libraries, and more.



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straumann.us/welcome | straumann.ca/welcome

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