

# Surgical EFFICIENCY, *Redefined*

CARES® P series Printing Solutions



# Surgical EFFICIENCY, *Redefined*

## Fast, reliable and precise 3D printing solutions



Reduce your total workflow time and increase your efficiency with NEW Straumann® CARES® P series 3D Printers and centralized printing service. Tailored to meet the highest demands in dental labs and clinical practices, new 3D printing solutions from Straumann® offer professional, high-speed production of 3D printed models, surgical guides and gingiva masks - faster than traditional workflows.

Straumann® CARES® 3D printers offer a CARES® validated end-to-end solution, with open capabilities for 3rd party design software. Sturdy, reliable and suited to a whole host of applications, they set the benchmark in speed, precision and certified open solutions.



### Reliability

Functional engineering concept for dental applications. Simple and intuitive to use. Sturdy and durable technology.



### Flexibility

Open system. Multiple applications in one unit. Material change in less than 30 seconds.



### Speed

Surgical guide templates printed in 16 minutes.

## Key Benefits

- Fully integrated, validated workflows for CARES® Visual and coDiagnostiX® software
- Highly aesthetic prints with pure color and pure transparency achieved through professional, 385nm UV LED
- User-friendly interactions thanks to automatic door and control features, resin handling system (RSH)
- Fast print speed on P30 achieved through patented force-feedback technology
- Certified auto calibration system (ACCS)
- Sleek design with flat, easy-to-clean surfaces and controls
- Models and Gingiva Masks designed with CARES® and CAD Model Builder
- Surgical Guides designed with coDiagnostiX® and Implant Planning Software

### 3 Simple Steps to a Validated Workflow



1. SCAN



2. DESIGN



3. PRODUCE



# Straumann P10+ Printer and Capsule System

Easy-to-Use 3D Printer Specifically Designed for Dental Practices



*3D printing has never been easier*

- Fast print speed\*
- Single-use capsules allow for quick and mess-free prints
- No prior 3D printing knowledge required
- No need to retrofit small workspaces
- Many indications & broad capsule portfolio
- Validated workflows ensure repeatable quality
- No time-consuming cleaning in combination with P wash & P cure

## P Pro Resin Capsule System for P10+

All-in-one, simplified printing solution. One Print, One Capsule.

- P10+ capsule packaging is color coded for easy identification
- Capsule system features a single use consumable system
- Build platform, resin reservoir, and resin pouch – packed all together



\*Basic gingiva mask model print duration approx. 10 minutes

# Straumann P20+

## Next Generation Improvements for Clinicians & Labs

- Improved print speeds
- Larger LCD screen with touch control
- Validated workflows ensure repeatable quality
- Plug and play features ensure ease-of use
- Easy, user-friendly device

P20+

Large print area

Certified auto calibration  
system (ACCS)

LCD-display with timer

Functional 3-button control

Robust swivel door

Resin handling system (RHS)

Material identification (RFID)

Windows® inside

TeamViewer® inside







*“As clinicians start to ramp up their digital workflow with intraoral scanners, labs need to work in a space where we’re able to 3D print models faster than pouring conventional impressions. The Straumann® CARES® 3D printer is fantastic because it’s allowing us to produce a consistent, accurate print at a much faster rate of speed than some of the other printers in the marketplace.”*

*- Brandon Dickerman, CDT, Dickerman Lab*

## P30/P40

Integrated 10-inch touchscreen

Large printing area

\*\* Resin temperature control

\*\* Available in 2019

LCD-display with timer

Automatic door opener

Resin handling system (RHS)

Certified auto calibration system (ACCS)

Material identification (RFID)

Windows® inside

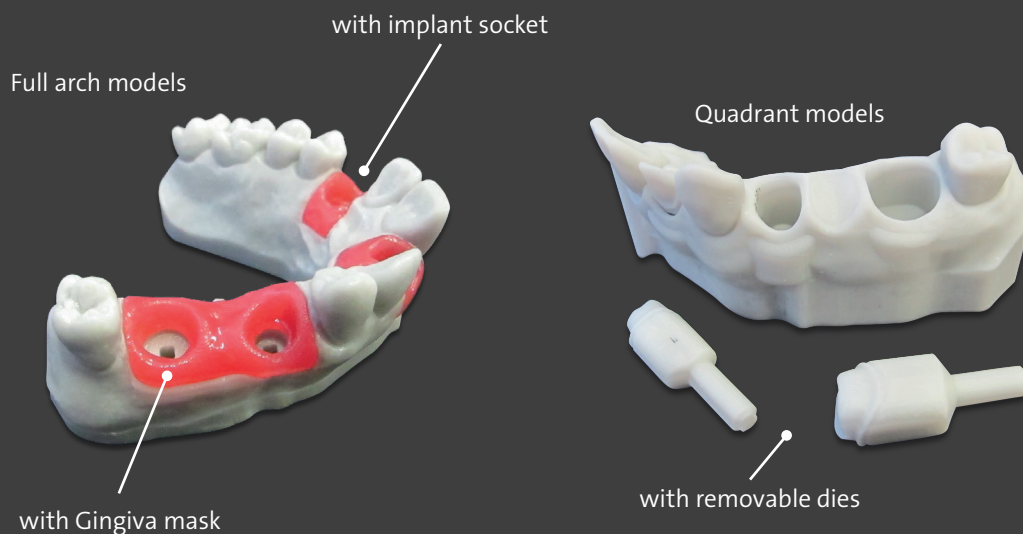
TeamViewer® inside



# 3D Printed Models & Surgical Guides

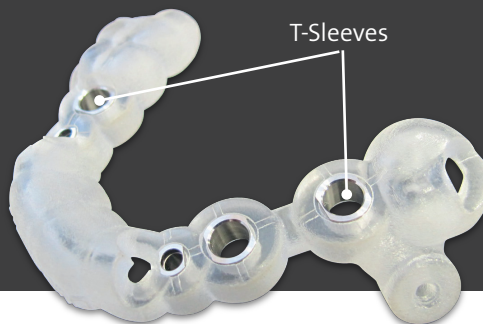
## 3D PRINTED MODELS

- Can be customized with implant sockets and removable dies
- Available for quadrants and full arches



## 3D PRINTED SURGICAL GUIDES

- Ready for insertion of surgical sleeves



# Centralized Printing Solutions

- **Rethink EFFICIENCY** with precise, reliable, and attractive models, guides, and gingiva masks - available as early as the next day
- Centralized printed models designed and printed through Straumann® CARES®, Scan & Shape, or 3Shape Connectivity
- Centralized surgical guides available through coDiagnostiX® version 9.9 and newer
- 3D printed surgical guides delivered with Straumann® surgical T-Sleeves
- Straumann Centralized Production guarantees a reliable, fully validated workflow

## STRAUMANN® CARES® P SERIES 3D PRINTERS

TECHNICAL SPECIFICATIONS:				
	P10+	P20+	P30+	P40
Building area	90 x 60 mm and 30 x 60 mm (2 size capsules available)	130 x 75 mm		2 x 130 x 75 mm (dual projection unit)
Native pixel	+/-42 µm	+/-34 µm	+/-34 µm (HD 1920 x 1080)	
Layer thickness	TBC	standard: 50 and 100 µm (finest 0.5 µm)		
Max. partheight	70 mm	90 mm	110 mm	100 mm
Light Source/Projector	UV 385 nm LED		UV 385 nm high power LED	
Resolution	1280 x 720 px	HD 1920 x 1080 px		dual HD 1920 x 1080 px
Dimension (W x H x D)	335 x 541 x 349 mm		34 X 35 X 54 cm	48 X 41 X 69 cm
Connections	WLAN, Ethernet, USB			
Control	7" LCD-Display, touchscreen		10" touchscreen	7" LCD-Display, touchscreen
Consumables	Capsules, single-use	Open bottles		

### Printers and Accessories

Article	Description
A.RS.P10capUS	P10+ capsule Printer US
A.RS.P10PLCAP	P10+ capsule Printer CA
A.RS.P20pl_US	P20+ Printer US
A.RS.P20PL	P20+ Printer CA
A.RS.P30plsUS	P30+ Printer US
A.RS.P30PL_S	P30+ Printer CA
A.RS.P40	P40 Printer
RS001187	Accessory Package for P20+
RS001195	Accessory Package for P30+
RS001196	Accessory Package for P40
SD104501	SHERAflash Light Plus Curing Chamber

### Resins

Article	Description
SD400100	SHERAprint Gingiva Mask, 1 Liter
SD400030	SHERAprint Surgical Guide, 1 Liter
SD400382	SHERAprint Model Plus UV, Grey, 1 Liter
SD400383	SHERAprint Model Plus UV, Sand, 1 Liter
019.3043	P Pro Surgical Guide 1000 g
019.3106	P Pro Cast M 1000 g
019.3033	P Pro Gingiva Mask 1000g Bottle
019.3001	P Pro Master Model Dark Beige 1000g Bottle
019.3004	P Pro Master Model Grey 1000g Bottle
019.3020	P Pro Model Ortho 1000g Bottle
019.3104	P Pro Cast P 1000g Bottle
RS001627	P10+ capsule box P pro Surgical Guide (10 pcs)
RS001622	P10+ Capsule P pro Master Model Grey (Box of 10)
RS001623	P10+ Capsule P Pro Master Model Ortho (Box of 10)
RS001626	P10+ Capsule P pro Gingiva Mask (Box of 10)

## STRAUMANN® CENTRALIZED PRINTING SERVICE

### 3D Printed Models\*

Article	Description
010.4022	3D Printed Model Quadrant
010.4023	3D Printed Model Full Arch
010.4024	3D Printed Model Quadrant with Dies
010.4025	3D Printed Model Quadrant with Gingiva
010.4026	3D Printed Model Quadrant with Dies and Gingiva
010.4027	3D Printed Model Full Arch with Dies
010.4028	3D Printed Model Full Arch with Gingiva
010.4029	3D Printed Model Full Arch with Dies and Gingiva

### 3D Printed Surgical Guides\*

Article	Description
010.4021	Surgical Guide—3D Printed Model
010.6121	T-sleeve guided Height 6 mm, Ø2.8 mm
010.6122	T-sleeve guided Height 6 mm, Ø2.2 mm
010.6123	T-sleeve guided Height 5 mm, Ø5 mm
010.6124	Template Fixation Pin, Ø1.3 mm
010.6125	T-Sleeve for Template Fixation Pin

\*For availability check with your local representative

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