Straumann® CARES® Digital Solutions > In-house printing

CARES® P series
The new standard in speed and reliability.
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A new generation of precision 3D printers from CARES®, for fast and professional production of top-quality dental products. Tailored to meet the demand in clinical practice and dental laboratories. Offering full integration and validation for our CARES® and CoDiagnostiX™ workflow. Sturdy, reliable and suited to a whole host of applications.

CARES® P series sets the benchmark in professional dental printing in terms of speed, precision and certified open solutions.

**P20**

- Robust swivel door
- Material identification (RFID)
- Windows® inside
- TeamViewer® inside
- Certified auto calibration system (ACCS)
- LCD-display with counter
- Functional 3-button control
- Large print area
- Resin handling system (RHS)

**Struamann® CARES® Digital Solutions – P series**
**Validated materials:**
- Master models, orthodontic models, gingiva masks, surgical guides, temporary crowns and bridges, bite splints

**Materials with open parameter:**
- Casts, impression trays, bracket keys

**Certified and validated materials available:**

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**Your benefits:**

- Offering full integration and validation for our CARES® and CoDiagnostiX™ workflow with the validated Shera and Dreve Materials
- Highly esthetic prints with pure color/pure transparency based on professional 385nm UV LED
- Precise non-stop operation based on direct resin temperature regulation
- Ease of use thanks to resin handling system (RSH), automatic door and control features
- Certified auto calibration system (ACCS)
- Fast print speed makes short lab response possible by force-feedback (patented)
- Design suitable for dental labs & clinics with flat, easy-to-clean surfaces and controls

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**Validated Workflow:**

1. Scanning
2. CAD/CAM
3. CAM

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**Product Features:**

- Integrated 10-inch touchscreen
- Large printing area
- *Resin temperature control
- *Available in 2018
- LCD-display with counter
- Automatic door opener
- Resin handling system (RHS)
- Certified auto calibration system (ACCS)
- Material identification (RFID)
- Windows® inside
- TeamViewer® inside

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**P30/P40**

**Certified** by the American Dental Association (ADA)
Technical Specifications:

<table>
<thead>
<tr>
<th>Item No</th>
<th>Item</th>
<th>P20</th>
<th>P30</th>
<th>P40</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Build area</td>
<td>130 x 75 mm</td>
<td>130 x 75 mm</td>
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<tr>
<td></td>
<td></td>
<td>Native pixel</td>
<td>+/-34 µm (HD 1920 x 1080)</td>
<td>+/-34 µm (HD 1920 x 1080)</td>
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<td></td>
<td></td>
<td>Layer thickness</td>
<td>standard: 50 and 100 µm (finest 0.5 µm)</td>
<td>standard: 50 and 100 µm (finest 0.5 µm)</td>
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<tr>
<td></td>
<td></td>
<td>Projector</td>
<td>UV 385 nm high power LED</td>
<td>UV 385 nm high power LED</td>
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<tr>
<td></td>
<td></td>
<td>Dimensions</td>
<td>34 x 35 x 54 cm</td>
<td>48 x 41 x 69 cm</td>
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Additional equipment required for postprocessing

<table>
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<th>Item</th>
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<th>A.RS.P30</th>
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<tr>
<td>SD104501</td>
<td>SHERAflash-light plus</td>
<td>CARES® P20</td>
<td>CARES® P30</td>
<td>CARES® P40</td>
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<tr>
<td>D15200</td>
<td>FotoDent flash</td>
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