**Reliable post-curing with pioneering technology**

PCU LED N2

Laboratory unit on LED-basis for the curing of 3D printed parts. Enabling mechanics and biocompatibility through effective deep curing. Two different curing environments selectable depending on the application area. The additionally optional nitrogen environment of PCU LED N2 ensures cured components without inhibition layer – for laboratory and medical devices.

**FotoDent® material matrix**

Compatible at a glance:
The right resin for every application: FotoDent® and printer have to be matched in order to achieve qualified results. Your printer is not listed here yet? Contact us!

<table>
<thead>
<tr>
<th>Printer*</th>
<th>Ackuretta</th>
<th>Asiga</th>
<th>Carbon EvoDent</th>
<th>MiiCraft</th>
<th>Rapid Shape</th>
<th>SprintRay</th>
<th>W2P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>LCD</td>
<td>DLP</td>
<td>DLP</td>
<td>DLP</td>
<td>DLP</td>
<td>DLP</td>
<td>DLP</td>
</tr>
<tr>
<td>Wavelength (nm)</td>
<td>405</td>
<td>385</td>
<td>385</td>
<td>405</td>
<td>385</td>
<td>385</td>
<td>405</td>
</tr>
</tbody>
</table>


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<table>
<thead>
<tr>
<th>Material</th>
<th>Spool</th>
<th>W2P</th>
</tr>
</thead>
<tbody>
<tr>
<td>FotoDent® denture**</td>
<td>**</td>
<td></td>
</tr>
<tr>
<td>FotoDent® IBT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FotoDent® guide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FotoDent® splint**</td>
<td></td>
<td></td>
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<tr>
<td>FotoDent® tray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FotoDent® setup</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FotoDent® model</td>
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<td></td>
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<tr>
<td>FotoDent® model2</td>
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<td></td>
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<tr>
<td>FotoDent® gingiva</td>
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<tr>
<td>FotoDent® TryIn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FotoDent® TCB</td>
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</tr>
</tbody>
</table>

FotoDent® News

You print it.
Generative production from one source.

Already for decades our digital dental products stand for competence and innovation in the field of medical 3D printing. Just like it is the case with the dental portfolio, the system concept plays a decisive part: means and material. All, from one source, are perfectly matched. Optimize working processes and save time and money: together with well-known printer manufacturers we are constantly working on more and more qualified laboratory processes (see matrix).

Join us into the digital future! No matter whether it is lab, prosthetics or orthodontics: only products complying with the high quality stipulations of dental applications and medical devices during the entire production chain, will leave our factory. Results from the FotoDent® product world speak for themselves and add to the success of every future-oriented dental business.

Material data

Join us into the digital future! No matter whether it is lab, prosthetics or orthodontics: only products complying with the high quality stipulations of dental applications and medical devices during the entire production chain, will leave our factory. Results from the FotoDent® product world speak for themselves and add to the success of every future-oriented dental business.

FotoDent® product world

FotoDent® tray 385 / 405 nm

Recombinant light-curing resin for the manufacturing of dental prosthesis trays, high flexibility all the way. The fine textured trays have a homogenous surface, which significantly reduces manual working.

1.3 kg bottle 635100

FotoDent® guide 385 & 405 nm

Light-curing resin for the manufacturing of acrylic drill guides. Drill guides made from FotoDent® guide are dimensionally stable and biocompatible.

1.3 kg bottle, 481 mm 635100

FotoDent® splint 385 nm

Light-curing resin for the production of orthodontic and orthodontic splints made from acrylic resin. Splints made from FotoDent® splint are dimensionally stable and biocompatible.

1.3 kg bottle, 481 mm 635100

FotoDent® try 385 / 405 nm

Recombinant light-curing resin for the production of dental prosthesis trays, high flexibility all the way. The fine textured trays have a homogenous surface, which significantly reduces manual working.

1.3 kg bottle 635100

FotoDent® setup 385 nm

Light-curing resin for the manufacturing of transparent indirect bonding trays. Manufacturing of current bonded positions is possible at all times – before and after fixing, ligature removing due to optimal flexibility. Usable with all common bracket systems.

1.3 kg bottle 635100

FotoDent® TryIn 385 nm

Light-curing resin for the manufacturing of temporary crowns and bridges. The material is highly compatible: it can be used with all commercially available cementing materials.

1.3 kg bottle 635100

FotoDent® cast 385 / 405 nm

Light-curing resin for the production of burn-out molded parts for the dental casting technique. The material is highly compatible: it can be used with all commercially available casting materials.

1.3 kg bottle 635100

FotoDent® denture 385 nm

Light-curing resin for the production of denture bases. The material provides for accurate results with a satisfied dimensional stability. FotoDent® denture is MMA free and stable in colour.

1.3 kg bottle 635100

FotoDent® IBT 385 nm

Light-curing resin for the manufacturing of transparent indirect bonding trays. Manufacturing of current bonded positions is possible at all times – before and after fixing, ligature removing due to optimal flexibility. Usable with all common bracket systems.

1.3 kg bottle 635100

FotoDent® setup 385 / 405 nm

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1.3 kg bottle 635100

FotoDent® model2 385 nm


1.3 kg bottle 635100

FotoDent® model 385 / 405 nm


1.3 kg bottle 635100

FotoDent® model 385 nm


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Light-curing resin for the additive production of temporary crowns and bridges.

1.3 kg bottle 635100