

NextDent™ 5100



NextDent 5100

Build Volume (xyz)	124.8 x 70.2 x 196 mm (4.9 x 2.8 x 7.7 in)
Max Resolution	1920 x 1080 pixels
Pixel Pitch	65 microns (0.0025 in) (390.8 effective PPI)
Wavelength	405 nm
Build Materials	<p>NextDent 5100 Dental Material Options: Materials specifications are listed on nextdent.com. For specific information about the available resins and colors for the NextDent 5100 please contact your authorized reseller or area sales manager.</p> <p>NextDent Denture 3D+, NextDent SG (Surgical Guide), NextDent Try-In, NextDent C&B MFH, NextDent Ortho IBT, NextDent Ortho Rigid, NextDent Model 2.0, NextDent Tray, NextDent Gingiva Mask, NextDent Cast</p>
Material Packaging	1kg bottles for manual pour
Operating Environment Temperature Humidity (RH)	18-28 °C (64-82 °F) 20-80%
Electrical	100-240 VAC, 50/60 Hz, Single Phase, 4.0A
Dimensions (WxDxH) 3D Printer crated Pedestal crated 3D Printer uncrated 3D Printer with Pedestal uncrated	73.66 x 68.58 x 129.54 cm (29 x 27 x 51 in) 82.55 x 79.375 x 55.245 cm (32.5 x 31.25 x 21.75 in) 42.6 x 48.9 x 97.1 cm (16.7 x 19.25 x 38.22 in) 68.1 x 70.4 x 135.6 cm (26.8 x 27.71 x 53.38 in)
Weight 3D Printer crated Pedestal crated 3D Printer uncrated 3D Printer with Pedestal uncrated	59 kg (130 lbs) 26.3 kg (58 lbs) 34.5 kg (76 lbs) 54.4 kg (120 lbs)
Production Time for Full Arch Model	40 minutes to print a plate full of models
Accessories	LC-3DPrint Box UV post-curing unit (not included), Pedestal (not included), LC-3D Mixer (not included)
Certifications	FCC, CE, EMC
Warranty	12 month manufacturer's warranty included. 12 to 24 month extended warranty options available.



LC-3DPrint Box



LC-3D Mixer

Related Voltage	110/230 V, 50/60 Hz, 2.6/1.3 A	100-240 V, 50/60 Hz
Power consumption	10 W	10 W
Fuse	250 V, T 2 A	250 V, T 2 A
Dimension (WxLxH)	41 x 44 x 38 cm	410 x 270 x 100 mm
Weight	22 kg	4 kg