

# Pro S

Desktop 3D Printer Designed for Digital Dentistry

## Technical Specifications July 2024

	Pro 95 S	Pro 55 S		
<b>3D Printing Technology</b>	Digital Light Processing (DLP) Direct peel mechanism Manual resin filling Easily removable supports			
<b>Print Area</b>	<b>Total volume:</b> 7.1 x 4 x 8 in. / 18.2 x 10.2 x 20 cm  <b>Build plate area:</b> 28.4 in <sup>2</sup> / 185.64 cm <sup>2</sup>	<b>Total volume:</b> 4.1 x 2.3 x 8 in. / 10.5 x 5.9 x 20 cm  <b>Build plate area:</b> 9.43 in <sup>2</sup> / 61.95 cm <sup>2</sup>		
<b>Layer Thickness Options</b>	50, 100, 170 microns			
<b>Minimum Feature Size (XY Resolution)</b>	95 microns	55 microns		
<b>Print Speed</b>	Up to 2.7 in. per hour			
<b>Resin Curing Unit</b>	SprintRay custom-built 1080P FHD projector Texas Instruments DLP chip 405 nm LED light source			
<b>Resin Tank</b>	500 mL capacity Vacuum-formed protective cover Smart tank lifetime monitoring	400 mL capacity Vacuum-formed protective cover Smart tank lifetime monitoring		
<b>Connectivity</b>	2.4 GHz + 5 GHz (US) 2.4 GHz (EU)	Direct ad-hoc mode via Wi-Fi b/g/n	Local network via Wi-Fi b/g/n	Local network via ethernet cable
<b>User Controls</b>	7" touch-screen with direct print via USB port SprintRay PrintOS software with a 6-core onboard computer			
<b>Unit Dimensions (W x D x H)</b>	<b>Lid closed</b> 15 x 17.3 x 20.9 in. / 38.1 x 43.9 x 53.1 cm	<b>Lid open</b> 15 x 21.3 x 27.0 in. / 38.1 x 54.1 x 68.6 cm		
<b>Shipping Weight &amp; Dimensions</b>	20 x 20 x 22 in. / 50 x 50 x 56 cm 40 lb. / 18 kg			
<b>Power Requirement</b>	100-240V, 50-60Hz, 200 watts, 2A			
<b>Operating Temperature Range</b>	70 - 85°F / 21 - 29°C			

