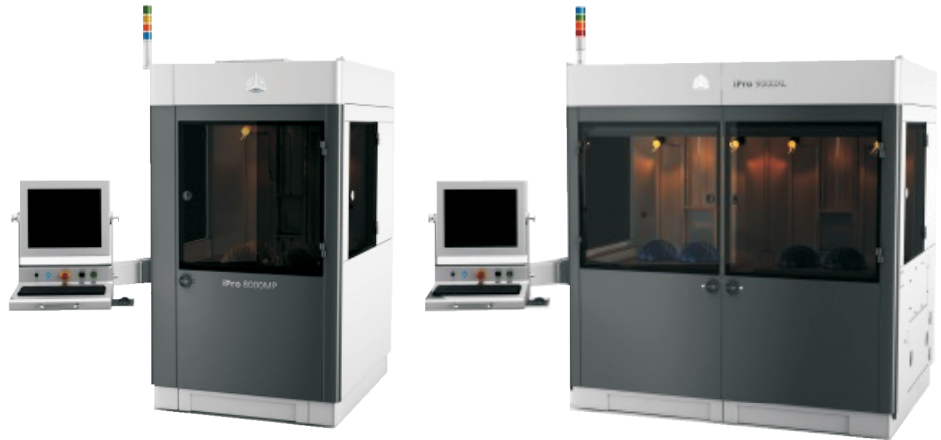
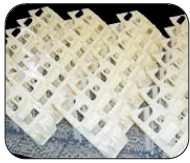


# Technical Data Systems



SLA Production 3D Printers

iPro™ 8000

iPro™ 9000XL

SteadPower™ Imager	Type	Solid-state frequency tripled Nd: YVO <sub>4</sub>	
	Wavelength	354.7 nm	
	Power (nominal) - at head	1450mW (1000mW at resin surface under nominal optical path condition)	
	Laser Warranty	10,000 hours or 18 months (whichever comes first), replacement at 800mW	
Zephyr™ Recoating System	Process	Removable blade	
	Adjustment	Self-leveling; self-correcting	
	Layer Thickness	Minimum - 0.05 mm (0.002 in); Maximum - 0.15 mm (0.006 in)	
ProScan™ Scanning System	Border spot (diameter @ 1/e <sup>2</sup> )	Standard mode nominal 0.13 mm (0.005 in)	
	Large hatch spot	Nominal 0.76 mm (0.030 in)	
	Maximum part drawing speed*		
	Border spot	3.5 m/sec (140 ips)	
	Large Hatch Spot	25 m/sec (1000 ips)	
Build Envelope Capacity	RDM 650M	650 x 350 x 300 mm; 148 l (39.1 U.S. gal)	
	RDM 750SH	650 x 750 x 50 mm; 95 l (25.09 U.S. gal)	
	RDM 750H	650 x 750 x 275 mm; 272 l (71.86 U.S. gal)	
	RDM 750F	650 x 750 x 550 mm; 414 l (109.3 U.S. gal)	
	RDM 1500XL (iPro™9000XL)	N/A	1500 x 750 x 550 mm (59 x 30 x 22)
Electrical Requirement	Maximum Part Weight	75 kg (165 lbs)	150kg (330 lbs)
	With single RDM	200 - 240 VAC 50/60 Hz, single-phase, 30 amps	
	With dual RDM	200 - 240 VAC 50/60 Hz, single-phase, 50 amps	
Operating Environment	Operating Temperature Range	20 - 26 °C (68 - 79°F)	
	Maximum change rate	1°C/hour (1.8 °F/hour)	
Space Requirement	Outer 3D Printer Dimension	126 x 220 x 228 cm (50 x 86 x 89 in)	212 x 220 x 228 cm (83.3 x 62 x 89 in)
	Weight 3D Printer	1590 kg (3500 lbs)	2404 kg (5300 lbs)
Accessories	Four interchangeable RDMs	4 options (see Capacity section)	5 options (see Capacity section)
	Platform change carts	Manual Offload Cart Optional	
	Processing & Finishing	750 UV Finisher™ProCure	
Control System & Software	System Warranty	One year warranty, under 3D Systems Purchase Terms and Conditions.	
	Operating System	Windows XP Professional (Sp2)	Windows XP Professional (SP2) or Vista
	Input data file format	.STL, .SLC	
	Network type and protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS	