

G1/F1



GENERAL

G1

Description	DLP resin vat 3D-Printer with shuttle technology
Materials	Validated with materials from the GENERA material library
Build Volume (XYZ)	
@ 70 µm	134 × 76 × 140 mm (5.28 × 2.99 × 5.91 in)
Resolution	Full HD DLP (1920 × 1080)
Wavelength	385 nm
Regulatory Compliance	CE, FCC, IC (Canada)

F1

Description	Post-Processing Unit optimized for use with the G1 Printer
Materials	Validated with materials from the GENERA open material library
Washing Technology	Magnetic stirrer
Cleaning Fluid	IPA
Curing Chamber	Mercury flash bulb (optional under inert atmosphere)
Regulatory Compliance	CE, FCC, IC (Canada)

PHYSICAL FOOTPRINT

System Size (W × D × H)	G1 530 × 515 × 670 mm (20.9 × 20.3 × 26.4 in) / F1 730 × 515 × 670 mm (28.7 × 20.3 × 26.4 in)
System Weight	G1 41 kg (90.38 lb) / F1 50 kg (110.2 lb)

FACILITY REQUIREMENTS

Power Requirements	AC 100-240 V, 50-60Hz, G1 2.0A-0.85A / F1 4.2-2.2 A
Network Connectivity	Ethernet
Nitrogen Connection	4–8 bar (58–116 psi)
Operating Conditions	+15 °C to +35 °C

SOFTWARE AND DESIGN TOOL

Software	GENERA G1/F1 CAM
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