GENERA.

G3

GENERAL

Description	All-in-One System (DLP resin vat 3D-Printer and Post-Processing Unit)
Materials	Validated with all materials from the GENERA material library
Build Volume (XYZ)	Available factory preset pixel sizes (max. 26.5 L)
@ 70 µm or	268 × 151 × 320 mm (10.55 × 6 × 12.6 in)
@ 100 µm	384 × 216 × 320 mm (15 × 8.5 × 12.6 in)
Resolution	4K DLP (3840 × 2160)
Wavelength	385 nm
Build Speed	up to 3 mm / min
Cleaning Fluid	GENERA Clear3d (non-flammable) 2 × 60 L (pre-wash and post-wash)
Heating / Drying Chamber	up to 80 °C
LED Curing Chamber	405 nm (optional under inert atmosphere)
Typical Post Processing Time	45 min
Regulatory Compliance	CE

PHYSICAL FOOTPRINT

System Size (W × D × H)	1420 × 970 × 1960 mm (55.9 × 38.1 × 77.1 in)
System Weight	approx. 700 kg (1.543 lbs)

FACILITY REQUIREMENTS

Power Requirements	AC 220-240 V, 50-60Hz, 15A
Power Consumption	700 W (average)
Network Connectivity	Ethernet
Compressed Air Connection	6–12 bar (87–174 psi)
Nitrogen Connection	3–6 bar (44–87 psi)
Exhaust (optional)	Integrated active carbon filters (optional facility exhaust)
Operating Conditions	+15 °C to +25 °C
Recommended Installation Space (W × D × H)	1920 × 2870 × 2060 mm (75.6 × 113 × 81 in)

SOFTWARE AND DESIGN TOOL

Software	GENERA CAM
Print- / PPU-Cockpit	Live print and post processing monitoring