G2⁺ PRINTER

# G2⁺

# GENERA.



## GENERAL

| | |
|---|---|
| **Description** | DLP resin vat 3D-Printer with shuttle technology |
| **Materials** | Validated with all materials from the GENERA material library |
| **Build Volume (XYZ)** | Three pre-calibrated pixel sizes (max. 26.5 L) |
| **@40 µm and** | 153 × 86× 320 mm (6 × 3.4 × 12.6 in) |
| **@70 µm and** | 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) with active cooling |
| **Wavelength** | 385 nm |
| **Build Speed** | up to 3 mm / min |
| **Regulatory Compliance** | CE |

## PHYSICAL FOOTPRINT

| | |
|---|---|
| **System Size (W × D × H)** | 1420 x 970 x 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, 9.5 A |
| **Power Consumption** | 600 W (average) |
| **Network Connectivity** | Ethernet |
| **Compressed Air Connection** | 6–12 bar (87–174 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 x 81 in) |

## SOFTWARE AND DESIGN TOOL

| | |
|---|---|
| **Software** | GENERA CAM |
| **Print Cockpit** | Live print monitoring |