

3D Printer Lite 800

High efficiency, High Precision, High Stability with large format 3D printing machine. Using variable spot and split design to provide a one-stop solution for large-format integral printing, small-format for large-batch printing.



High stability



Automatic calibration



Variable spot



Replacable resin tank



Split design



Import The
Optical Component



Automatic Closed
Loop Control System



one-button start

Lite 800

Build Envelope Capacity	800 × 800 × 550 mm	Laser	Solid-state frequency tripled Nd:YVO ₄
Maximum Part Weight	150kg (330.7 lb)	Laser power	1500mW/2000mW
Layer thickness	0.07-0.25 mm	Scanning speed	8–15 m/s (Typical), 18 m/s (Maximum)
Elevator Positioning Accuracy	±8 μm	Beam diameter	0.12 – 0.9 mm
Recoater Frame	Marble	Equipment Size	2378×1792×2085 mm
Wavelength	355 nm	Weight	1680kg (with 1235 lb (560 kg) initial fill inside)
Control software	UnionTech™ RSCON	Input Data File Format	STL
Data pretreatment	Materialise Magics Link UnionTech	Electrical Requirements	200-240 VAC, 50/60 Hz, single-phase
Operation system	Windows 7 / Windows 10	Temperature Range	72–79°F (22–26°C)
Resin Tank	Manually replacing	Relative Humidity	<40% non-condensing
Network Type and Protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS		

Car parts

size: 1089.510(L)×144.174(W)×204.308(H) mm



Car door panel

size: 811.844(L)×550.071(W)×109.301(H) mm



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