

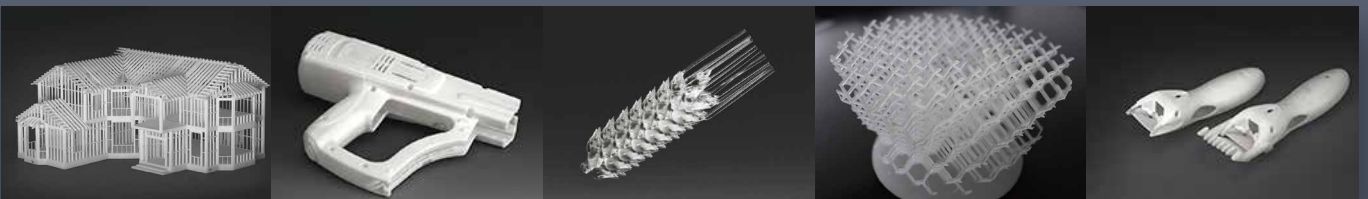
Lite Production Series

A New Dimension in Stereolithography
3D Printing

System Features

- High speed galvanometer scanning, high efficiency.
- Negative pressure adsorption scraper, uniform and reliable coating.
- Automatic scan path.
- Detachable table, easy to operate.
- Laser online measurement, technological parameter with full-automatic setting.
- Liquid level automatic control.
- PLC control electrical system, stable and reliable.
- LCD display.

Versatile Application Range · High Accuracy · Excellent Surface Aesthetics



Technical Data

* Specifications are subject to change; consult with your sales representative for confirmation of current offering.

	Lite 450	Lite 600
Build Envelope Capacity	17.7 x 17.7 x 13.8 in (450 x 450 x 350 mm, Full Vat) 17.7 x 17.7 x 3.9 in (450 x 450 x 100 mm, Shallow Vat)	23.6 x 23.6 x 15.7 in (600 x 600 x 400 mm, Full Vat) 23.6 x 23.6 x 3.9 in (600 x 600 x 100 mm, Shallow Vat)
Accuracy	Part size < 100 mm: ±0.1 mm; Part size > 100 mm: ±0.1% × L	Part size < 100 mm: ±0.1 mm; Part size > 100 mm: ±0.1% × L
Beam Size	A: 0.12 - 0.20 mm B: 0.12 - 0.80 mm	A: 0.12 - 0.20 mm B: 0.12 - 0.80 mm
Layer Thickness	0.002 in (0.05 mm) minimum; 0.01 in (0.25 mm) maximum	0.002 in (0.05 mm) minimum; 0.01 in (0.25 mm) maximum
Weight	1248kg	1525kg
Initial Fill	128 kg	250 kg
Machine Size (WxDxH)	1878×1425×2240mm	2030×1564×2213mm

Lite 450 / Lite 600

Type	Solid-state frequency tripled Nd: YVO4
Power (nominal)	1500 mW
Wavelength	355 nm
Material Available	Photosensitive Resin
Operation System	Windows 7, Windows 10
Controller Software	UnionTech™ RSCON
Input Data File Format	STL
Electrical Requirements	200~240 VAC, 50/60 Hz, single phase, 25 amps

Operating Environment:

Temperature Range	72-79 °F (22-26 °C)
Relative Humidity	< 40%, no condensing