

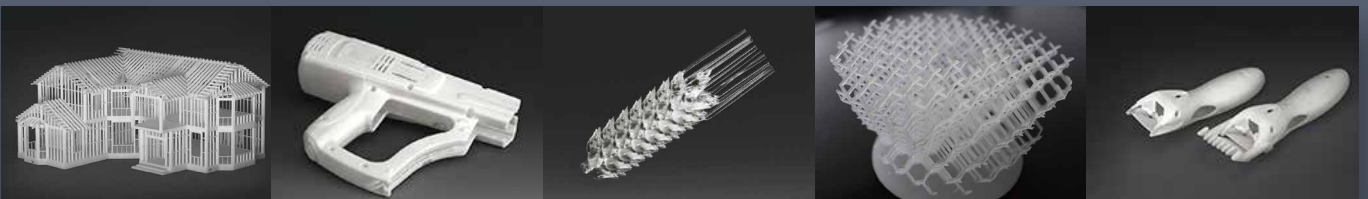
## Lite Production Series

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<br>(450 x 450 x 350 mm, Full Vat)<br>17.7 x 17.7 x 3.9 in<br>(450 x 450 x 100 mm, Shallow Vat) | 23.6 x 23.6 x 15.7 in<br>(600 x 600 x 400 mm, Full Vat)<br>23.6 x 23.6 x 3.9 in<br>(600 x 600 x 100 mm, Shallow Vat) |
| Accuracy                | Part size < 100 mm: ±0.1 mm;<br>Part size > 100 mm: ±0.1%×L  | Part size < 100 mm: ±0.1 mm;<br>Part size > 100 mm: ±0.1%×L  |
| Beam Size               | A: 0.12 - 0.20 mm<br>B: 0.12 - 0.80 mm   | A: 0.12 - 0.20 mm<br>B: 0.12 - 0.80 mm   |
| Layer Thickness         | 0.002 in (0.05 mm) minimum;<br>0.01 in (0.25 mm) maximum   | 0.002 in (0.05 mm) minimum;<br>0.01 in (0.25 mm) maximum   |
| Weight                  | 1248kg   | 1525kg   |
| Initial Fill            | 128 kg   | 250 kg   |
| Machine Size (WxDxH)    | 1860×1425×2240mm   | 2010×1564×2213mm   |

## 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 |