

Lite 300

A New Dimension in Stereolithography 3D Printing

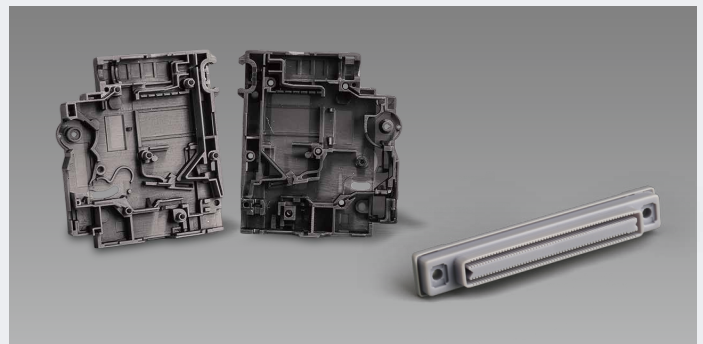


- High speed galvanometer scanning, high efficiency.
- Negative pressure adsorption scraper, uniform and reliable coating.
- Automatic scan path.
- Detachable table, easy to operate.
- Laser online measurement, technological parameter with full-automatic setting.
- Liquid level automatic control.
- PLC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

Technical Data

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

	Lite 300
Build Envelope Capacity	11.8x11.8x7.9 in (300x300x200 mm)
Maximum Part Weight	44.1 lb (20kg)
Accuracy <small>*Accuracy may vary depending on parameters, part geometry and size, pre-processing or post-processing methods, materials and environment.</small>	L < 100 mm: ±0.1mm L ≥ 100 mm: ±0.1% x L
Beam Size	0.12 – 0.20 mm
Layer Thickness	0.05-0.25mm
Weight	1020 kg (with 50 kg initial fill inside)
Machine Size (WxDxH)	1775x1330x2203 mm
Laser	Solid-state frequency tripled Nd: YVO ₄
Wavelength	355 nm
Controller	UnionTech™ RSCON
Part Preparation	Materialise Magics
Operating Systems	Windows 7
Input Data File Format	STL
Network Type and Protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS
Electrical Requirements	200-240 VAC, 50/60 Hz, single phase
Laser Warranty	24 months
Recoater Frame	Granit
Systems Control	Closed-loop
Power (nominal)	2000 mW
Temperature Range	72–79 °F (22–26 °C)
Maximum Change Rate	1 °C/hour
Relative Humidity	< 40 % non-condensing
System Warranty	One-year warranty (under UnionTech's Purchase Terms and Conditions)



UnionTech

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