- Removable resin vats are used for easier material change.

- A marble base is used for more stable performance.

- A door guard design was introduced to improve operational safety

- Advanced parameter monitoring system ensures consistency and success rate.

- Sophisticated algorithms enable intelligent printing of complex part.

- Self-owned pre-processing software greatly simplifies data processing before printing.

- Wide variety of available materials provide cost-effective solutions for different applications.

Technical Data

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

RSPro 600 2.0

Technology Type	Stereolithography (SLA)	Network Type and Protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS
Build Volume	600 × 600 × 500 mm	Electrical Requirements	200-240 VAC, 50/60 Hz, Single phase
Accuracy	L < 100 mm: ±0.1 mm L ≥ 100 mm: ±0.1% x L	Rated Power	4.2 kVA
Layer Thickness	0.05 - 0.25 mm	Systems Control	Closed-loop
Recoater Frame	Granite	Temperature Range	72–79 °F (22–26 °C)
Laser	Solid-state frequency tripled Nd: YVO	Maximum Change Rate	1 °C/hour
Beam Size	0.07 - 0.75 mm	Relative Humidity	< 40% Non-condensing
Wavelength	355 nm	Machine Size (W x D x H)	1598 × 1612 × 2137 mm
Scanning Speed	8 ~ 15 m/s	Machine Weight	1490 kg
Controlling Software	UnionTech™ RSCON	Initial Resin Weight	310 kg
Data Preparation Software	Polydevs	Resin Vat	Manually Replacing
Operation System	Windows 10	Processing and Finishing	Post-Curing Unit (optional)
Input Data File Format	STL	Warranty	12 Months

UnionTech