

RSPro 1400

This innovative dual laser-dual scanning additive manufacturing system is perfectly suited for the industrial production of large, high quality finished parts as well as mass part production.



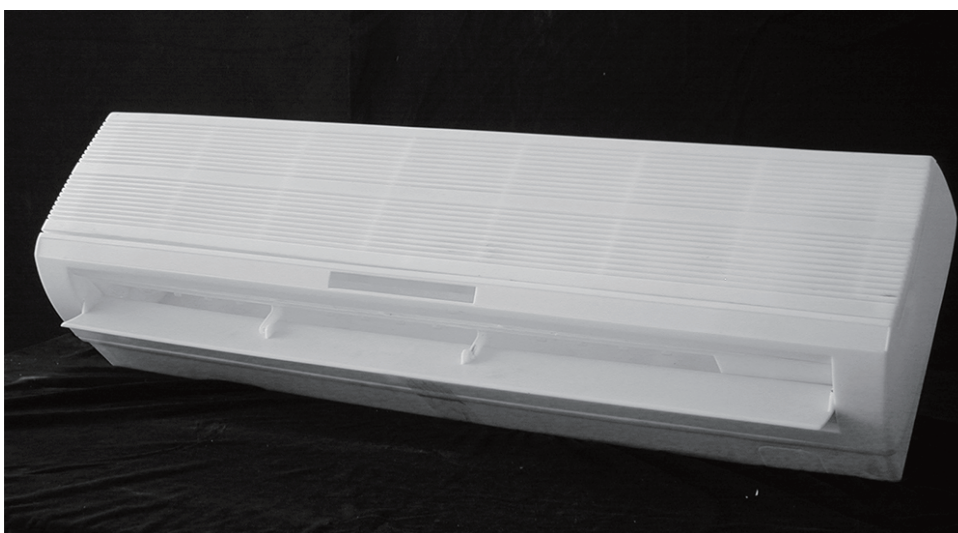
- Automatic calibration set-up ensures accuracy.
- High precision parts with no visible joint lines.
- Carbon fiber reinforced recoater system ensures non-deformation across 1400 mm length.
- Granite recoater frame enhances stability.
- Open design for freedom of choice of materials and software.

Technical Data

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

RSPro 1400

Technology Type	Stereolithography (SLA)	Network Type and Protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS
Build Envelope Capacity	1400 × 700 × 500 mm	Electrical Requirements	200-240 VAC, 50/60 Hz, Single phase
Accuracy	L < 100 mm: ±0.2 mm L ≥ 100 mm: ±0.2% × L	Rated Power	3.9 kVA
Layer Thickness	0.1 - 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 ₄	Maximum Change Rate	1 °C/hour
Beam Size	0.12 - 0.2 mm	Relative Humidity	< 40% non-condensing
Wavelength	355 nm	Machine Size (W x D x H)	2882 × 1952 × 2395 mm
Scanning Speed	6 ~ 10 m/s	Machine Weight	1907 kg
Controlling Software	UnionTech™ RSCON	Initial Resin Weight	940 kg
Data Preparation Software	Polydevs	Resin Tank	Fixed
Operation System	Windows 10	Processing and Finishing	Post-Curing Unit (optional)
Input Data File Format	STL	Warranty	12 months



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