UnionTech

RSPro800 2.0

Higher Efficiency
Better Experience

Variable laser beam technology effectively improves printing efficiency while still main- taining high printing accuracy.

Automatic laser calibration technology ensures calibration accuracy, stability, consistency and reliability.

Industry-leading liquid level control technology significantly improves control speed, accuracy and stability

- 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.

RSPro800 2.0 Technical Data

Technology Type	Stereolithography (SLA)	Data Interface	.stl
Build Volume	800 × 800 × 550 mm 31.5 x 31.5 x 21.7 in	Network	Ethernet, IEEE802.3, TCP/IP
Accuracy	L < 100 mm: ±0.15 mm L ≥ 100 mm: ±0.15% x L	Electrical Requirements	200-240 VAC, 50/60 Hz
Layer Thickness	0.05 - 0.25 mm	Rated Power	3.0 kVA
Laser	355 nm, Solid State Triple Frequency Nd: YVO4	Temperature Range	22–26 °C (72–79 °F)
Beam Focus	Dynamic & Variable	Relative Humidity	< 40%
Beam Size	0.12 - 0.85 mm	Resin Vat	Replaceable
Scanning Speed	6-12 m/s	Machine Dimensions	1750 × 1600 × 2120 mm 68.90 x 62.99 x 83.46 in
Control Software	UnionTech™ RSCON	Machine Weight	1750 kg

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

UnionTech

UnionTech 3D

Room 102,Unit 40, 258 Xinzhuan Rd, Shanghai201612,China
Tel: +86 400 138 8966
Email: mkt@uniontech3d.com

UTnext 3D Texas LLC

1718 N Fry Road #320 Houston, Texas 77084, United States
Tel: +1 281 310 0866
www.uniontech3d.com

UnionTech GmbH

9th Floor, Messeturm Friedrich-Ebert-Anlage 49 60308 Frankfurt, Germany
www.uniontech3d.com