



UnionTech

Create your imagination



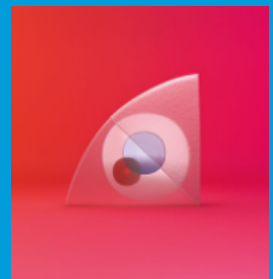
TECCLUSTER

D800 DLP Printer

A New Dimension in Stereolithography 3D Printing

- Industrial DLP 3D printing technology
- Practical build envelope capacity of 768 x 432 x 30 mm
- Industry-leading print quality, speed and precision
- 3D print software for file preparation and production
- Compatible with a variety of 3D printing materials .

Versatile Application Range · High Accuracy · Excellent Surface Aesthetics



Technical parameters

D800

Technology Type	Digital Light Processing (DLP)
Build Envelope Capacity	768 x 432 x 30 mm
Accuracy	±0.01mm
Printing Speed	40mm/h
Resolution	3840 x 2160
Light Source	UV LED
Projection Method	Top-down projection
Layer Thickness	0.1- 0.12 mm
Pixel Size	65 µm
Wavelength	405 nm
Controlling Software	UnionTech™ RSCON
Data Preparation Software	Polydevs Pro, BPC
operation System	Windows 10
Input Data File Format	UTK
Network Type and Protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS
Electrical Requirements	200-240 VAC, 50/60 Hz, Single Phase
Rated Power	800 w
Temperature Range	72-79 °F (22 -26 °C)
Maximum Change Rate	1 °C/hour
Relative Humidity	< 40% non-condensing
Machine Size (W x D X H)	1600 x 1605 x 2305 mm
Machine weight	1600kg
Processing and finishing	Post-curing Unit (optional)
Warranty	12 months

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