

# D600

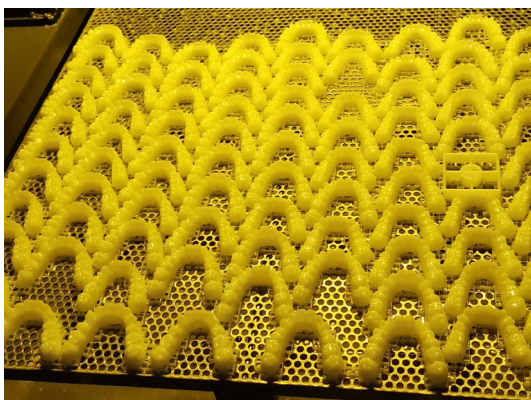
## High-efficiency 3D Printer for Orthodontics



- 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.

## D600

Technology Type	Stereolithography (SLA)	Network Type and Protocol	Ethernet, IEEE 802.3 using TCP/IP and NFS
Build Envelope Capacity	600 × 600 × 100 mm	Electrical Requirements	200-240 VAC, 50/60 Hz, Single phase
Accuracy	L < 100 mm: ±0.1 mm L ≥ 100 mm: ±0.1% × L	Rated Power	2.6 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 <sub>4</sub>	Maximum Change Rate	1 °C/hour
Beam Size	0.12 - 0.8 mm	Relative Humidity	< 40% non-condensing
Wavelength	355 nm	Machine Size (W × D × H)	2010 × 1564 × 2213 mm
Scanning Speed	8 ~ 15 m/s	Machine Weight	850 kg
Controlling Software	UnionTech™ RSCON	Initial Resin Weight	250 kg
Data Preparation Software	Polydevs	Resin Tank	Manually replacing / Fixed
Operation System	Windows 10	Processing and Finishing	Post-Curing Unit (optional)
Input Data File Format	STL	Warranty	12 months



## UnionTech

**UnionTech 3D LTD**

Room 102, Unit 40, 258 Xinzhuang Rd, Shanghai, 201612, China  
mkt@uniontech3d.com Tel: +86-021-64978786  
www.uniontech3d.com

**UnionTech GmbH**

Regus Berliner Carree, Berliner Allee 47,  
64295 Darmstadt, Germany  
Tel: +49 (0) 6151-2776067  
info@uniontech3d.de  
www.uniontech3d.de

**UnionTech Russia**

4, 2nd Roschinskay str., office 314,  
115191, Moscow, Russia  
Tel: +79100025900  
info@uniontech3d.ru  
www.uniontech3d.ru