

## Cute 380

The industrial grade 4K DLP optical engine enables 3D printing of dental molds with fast speed, large and high surface quality, making it ideal for orthodontic mass production.



- Industrial DMD
- DLP 4k Optical Engine
- Automatic control of surface level and processing parameters.
- Semi automatic power detection
- Closed loop control strategy for: Platform movement/Material level/Temperature/Vacuum.
- CE certification (in the certification process).
- Convenient assembly and disassembly of platform.

# Technical Data

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

	<b>Cute 380</b>
Build Envelope Capacity	15.12x 8.5 x9.84 in (384X216X250 mm) (Full Vat)
Weight	946 lb (430 kg)
Accuracy <small>* Accuracy may vary depending on parameters, part geometry and size, pre-processing or post-processing methods, materials and environment.</small>	Standard deviation of OrthoModel $\leq 0.06\text{mm}$
Elevator Positioning Accuracy	$\leq \pm 8 \mu\text{m}$
Liquid Level Positioning Accuracy	$\leq \pm 0.02 \text{ mm}$
Layer Thickness	0.1mm
DMD	DLP660TE
Machine Size (WxDxH)	29.2 x 33.1 x 75.2 in (742 x 842x 1910 mm)
Pixel	0.1mm/pix
Wavelength	405 nm
Controller	UnionTech™ DSCON
Part Preparation	Polydevs Pro, BPC
Operating Systems	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
Laser Warranty	12 months
Recoater Frame	Steel
Systems Control	Closed-loop
Power (nominal)	4000mW ( maximum total )
Accessories	Post-curing unit(optional)、 Platform change cart(optional)
Temperature Range	72–79°F (22–26°C)
Maximum Change Rate	1 °C/hour
Relative Humidity	< 40% non-condensing

