

# ProMakerLDDENTALSERIES

**HIGH PRECISION, PRODUCTIVITY  
AND VERSATILITY  
IN A COMPACT FORMAT**



With **granite**  
build platform



Dental models



Aligners



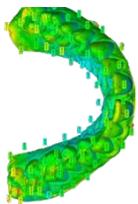
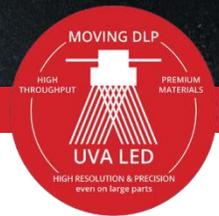
Drill guides



Casting patterns



**MOVINGLight® TECHNOLOGY: UNPARALLELED SPEED AND PRECISION IN 3D PRINTING**



**Unmatched resolution**  
42 µm per pixel, dozens millions pixels per layer

**High precision**  
Incredibly fine details and superior part accuracy on the entire build platform



**High throughput:**  
High production volumes without sacrificing quality

**Superior surface quality:**  
Minimal post-production finishing required

**ProMaker LD DENTAL SERIES - SPECS**

	LD10 DENTAL MODELS	LD20 DENTAL MODELS	LD10 DENTAL PLUS	LD20 DENTAL PLUS
<b>Number of DLP® Heads</b>	1 head	2 heads (up to +40% faster)	1 head	2 heads (up to +40% faster)
<b>Applications</b>	Dental models, orthodontics and aligners		Models, aligners (thermoforming), drill guides, cast patterns	
<b>Technology</b>	UV-LED DLP®, 405 nm wavelength		UV-LED DLP®, 385 nm wavelength	
<b>Materials</b>	Model resins		Model, transparent and cast resins	
<b>Max. Build envelope size (LxWxH)</b>	300 x 445 x 200mm 11.8 x 17.5 x 7.9 inches			
<b>Native pixel size (X,Y)</b>	600 DPI 42 µm (0.0016 inches)			
<b>Layer thickness*</b>	25 - 150µm 0.001 to 0.006inches			
<b>Platform type</b>	Granite			
<b>Build platform (LxW)</b>	up to 3 sizes available - interchangeable with easy swap: 150 x 162 mm (5.9 x 6.33 in) ** / 300 x 243 mm (11.8 x 9.6 in) / 300 x 445 mm (11.8 x 17.5 in)			
<b>Vat build height</b>	3 vat heights available: 50/100/200 mm (1.97/3.94/7.87 inches) - interchangeable			
<b>Printer size (LxWxH)</b>	855 x 1100 x 1780 mm 33.7 x 43.3 x 70.1 inches			
<b>Weight</b>	500 Kg 1102 lbs.	510 Kg 1125 lbs.	500 Kg 1102 lbs.	510 Kg 1125 lbs.
<b>Power requirements</b>	10-240 VAC, 8-12A, 50/60 Hz			

\* Depending on material and application  
\*\* Available only for the ProMaker LD10 series