

Micro Plus cDLM

EnvisionTEC's patented new breakthrough technology, Continuous Digital Light Manufacturing, allows jewelers to 3D print models for direct investment casting in minutes rather than hours. The Micro Plus cDLM relies on continuous motion of the build plate in the Z direction to provide exceptionally fast builds and breathtaking resolution for castable models in EnvisionTEC's industry standard casting material, PIC 100. The Micro Plus cDLM will also print even faster in QView, a design verification material, for fit and design models ready to show to a customer in minutes. Time is money, and with average build speeds ranging between 10 and 20 minutes per inch in Z for the full envelope, the results will allow bridal and fashion rings to be designed, grown, and ready for investment casting the same day.

Machine Properties ²	Micro Plus cDLM
Build Envelope	1.8" x 1.1" x 2.95" (45.4 x 28.5 x 75 mm)
Pixel Size in X	0.002" (39.8 μm)
Pixel Size in Y	0.001" (31.25 μm)
Z Accuracy	0.00004" (1 μm)
Light Source	Industrial UV LED
Data Handling	STL
Warranty	1 year back to factory including parts and labor

Recommended Materials	Ideal for
Q-View C	Fast design verification
PIC 100 C	High detail investment casting

System Properties

- Changeover between materials is quick and easy with no waste
- Plug and play with an easy to use software interface
- Very few moving parts guarantees a strong and reliable production system
- Built-in touchscreen and embedded PC with Wi-Fi capability add ease to the user interface
- Backed by EnvisionTEC's outstanding service and support

Footprint (L x W x H): 9" x 9.5" x 25" (22.86 x 24.13 x 63.5 cm)
 Weight: 35 lbs (16 kg)
 Electrical Requirements: 110 VAC @ 3A

¹ Learn more at EnvisionTEC.com/printmypart

² Specifications are subject to change without notice



Patents Pending