



MCRAFT PRO[®]

125/100/80/50/100X

THE MOST ACCURATE
OPTICAL 3D PRINTER
WITH PRODUCTIVITY

MCraft Professional Series provides quality, production class, 3D printed parts to fulfill different requirements and applications. Equipped with technology ensuring high stability, high accuracy and high-resolution models.



Flexible & Open System

- Open with the widest range of resins
- Flexible and editable parameter setting

Superior Optical System

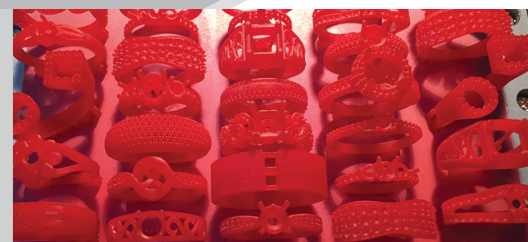
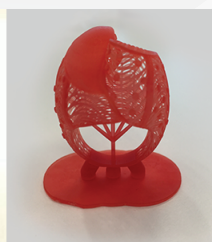
- Available in UV365nm / 405nm LED configurations with high Optical efficiency
- DLP technology with entire layer exposed by a single image pattern

Printing Volume

- Up to 125x70mm XY printing area
- 7 arches/ 50+rings in one print

High Resolution & Accuracy

- Full HD UV LED projection engine with 30um XY resolution
- Excellent optical system designed for 3DP with high image quality





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APPLICATION

- JEWELRY MANUFACTURING
- DENTAL LABS
- ART AND DESIGN
- MICRO PRINTING
- INDUSTRIAL PARTS
- RAPID PROTOTYPING

Technical Specification	MCraft 125	MCraft 100	MCraft 80	MCraft 50	MCraft 100X
Max Build Size (mm)	125x70x120	102x57.5x120	80x45x120	57x32x120	102x57.5x120
XY Resolution	65um	53um	41.5um	30um	53um
Wavelength	-- 405nm LED --				365nm UV LED
Z-axis Layer Thickness	-- 200~5um --				
Interface	-- Ethernet Connection --				
	-- USB (Direct Printing) --				
File Input	-- .SLC, STL --				
Printer Size(LxWxH)	-- 43 x 43 x 59 --				
Weight	-- 36.5kg --				
Power Input	-- 240~100 VAC 50Hz/60Hz 2A --				
Packaged Size and Weight	-- 66 x 66 x 85 cm / 42.5kg --				

MATERIALS	M-CAST	M-MODEL	M-BLUE	M-BLACK	M-CLEAR	M-PINK	M-IVORY
Color	Red , Orange	Yellow, Grey	Blue	Black	Clear	Pink	Ivory
Application	Jewellery Dental	Design	Rapid Prototyping Engineering	Rapid Prototyping Engineering	Microfluids Design	Dental Model	Dental Model
Viscosity ASTM D2983	83cps @ *28C	<100 cps @*28C	616 cps @*28C	1165 cps @*28C	<100 cps @*28C	624 cps @ *28C	1165 cps @*28C
Density ASTM D60-1475	1.12g/ml @*25C	1.04g/ml @*25C	1.1g/ml@ *25C	1.10g/ml @*25C	1.04g/ml @*25C	1.10g/ml @ *25C	1.10g/ml @*25C
Hardness ASTM D05-2204	50 Shore D @*25C	75 Shore D @*25C	70 Shore D @*25C	80 Shore D @*25C	75 Shore D @*25C	80 Shore D @ *25C	80 Shore D @*25C
Quantity	250g	500g	500g	500g	500g	500g	500g

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