



MAGFORMS

Magforms Professional Grade 3D Printer Technical Specifications



Quick Stats

Printer

P10

P13

Technology

Mask Stereolithography

Mask Stereolithography

Pixel Size with Imadjust^a

17.5 um

25.5 um

Laser Spot Size

35 um

51 um

Build Volume (W x D x H)

228 x 128 x 250 mm
8.98 x 5.05 x 9.84 in

277 x 156 x 380 mm
10.94 x 6.14 x 13.77 in

Layer Thickness
(material dependent)

25-150 um
0.001-0.006 in

25-150 um
0.001-0.006 in

Imadjust^a:Image grayscale adjust

Printing Properties

Printer

P10

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Technology

Mask Stereolithography

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Light-source

Industrial UV LED
(wavelength 405nm)

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(wavelength 405nm)

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LCD Resolution

7680×4320 (8K)

5448×3064 (6K)

Pixel Size with Imadjust^a

14.85in

25.5 um

Laser Spot Size

29.7 um

51 um

Printing speed
(material dependent)

MAX 60mm/h

MAX 60mm/h

Material

405nm UV Resin

405nm UV Resin

Imadjust^a:Image grayscale adjust

Hardware

Printer	P10	P13
Printer Dimensions (W × D × H)	230 x 230 x 420 mm 9.0 x 9.0 x 16.5 in	500 x 420 x 769mm 19.7 x 16.5 x 30.3 in
Net Weight	7.5 kg 16.5 lbs	58 kg 127.9 lbs
Internal Temperature	Auto-heats to 38 °C Auto-heats to 100 °F	Auto-heats to 35 °C Auto-heats to 95 °F
Temperature Control	Air-heated print chamber	Air-heated print chamber
Air Purifier	\	Built-in Active Carbon
Operating Environment ^a	18 - 28 °C 64 - 82 °F	18 - 28 °C 64 - 82 °F
Power Requirements	DC 24 V 5 A 120 W	220-240 VAC 1.6 A 50/60 Hz 350 W
Light-source Specifications	xMat light source 405nm wavelength	91 units LED light matrix 405nm wavelength
Connectivity	USB 2.0	USB 2.0
Printer Control	2.8 inch Touch Screen	5.0 inch Touch Screen

Operating Environment^a: It will be slightly different due to different environment temperature.