3D Micro Printer From BMF

BMF microArch™ S150

All BMF 3D printers use PμSL technology to 3D print, which means they print in the top-down direction like with SLA, and the entire image or a section of it, is cured as done with DLP.

The microArch S150 model is the ideal solution for businesses and universities requiring ultra-high resolution, accuracy, and precision in a small package that is easy to use.

System Features

Interactive Touch Screen – Featuring built-in printing parameters
Resin Vat Heating System – Heated up to 60°
Platform with Diamond – Like Carbon Coating – Easier to remove printed parts
Fresh Air Filtration System – Provides clean and safe operational environment
UV Sterilization – Keeps build environment clean between print runs
Side-shifting membrane – No need to remove or reinstall membrane in between builds
Flexible options for placement

Technical data

Build Size	80x48x50mm
Machine Size	817x485x460mm
Optical Resolution	25μm
XY Resolution Accuracy	±3μm
Layer Thickness	10μm – 100μm
Surface Finish	0.4 – 0.8μ Ra (top) 1.5 – 2.5μm Ra (side)
Electrical Requirement	1200 – 240 VAC, 50-60Hz, Single Phase, 10 Amps 1.3kW
Power Supply	2000w
Printing Material	Photosensitive resin
Weight	70kg

BMF BOSTON MICRO FABRICATION

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