



microArch S230

2 μ m Resolution

The microArch S230 is one of our highest resolution systems, perfect for applications that require ultra-high resolution and tight tolerances. Compatible with a wide-range of materials, the microArch S230 is the ultimate choice for prototyping parts that are true to CAD and look exactly like the finished product.

The S230's first-class attributes allows for printing of more parts at a much higher throughput - perfect for end-use production applications.



Features

- Advanced roller system spreads layers in seconds, resulting in a build speed of up to 5 \times faster
- Ability to handle higher viscosity materials, resulting in the production of stronger, functional parts
- Equipped with air-floated platform to improve printing quality
- Excellent light source stability

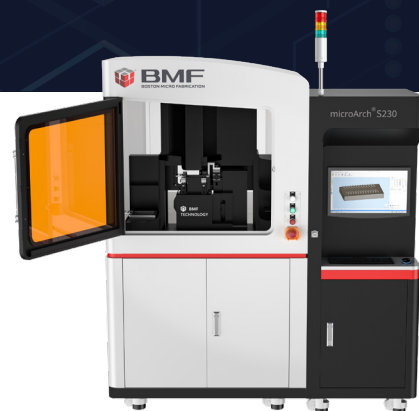
System	DIMENSIONS	1720 x 750 x 1820mm
	WEIGHT	660kg
Performance	BUILD SIZE	50 x 50 x 50mm
	PRINTING MATERIAL	Photosensitive resin, ceramic
	XY RESOLUTION	2 μ m
	XY POSITIONAL ACCURACY	\pm 0.2 μ m
	LAYER THICKNESS	5-20 μ m
	SURFACE FINISH	0.4-0.8 μ m Ra (top) 1.5-2.5 μ m Ra (side)
Facility	POWER SUPPLY	2000w
	ELECTRICAL REQUIREMENT	110 - 120 VAC, 50-60hz, Single Phase, 10 Amps 220 - 240 VAC, 50-60hz, Single Phase, 5 Amps



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feature resolution

Compared minimum feature size @ $\pm 10\mu\text{m}$ tolerance

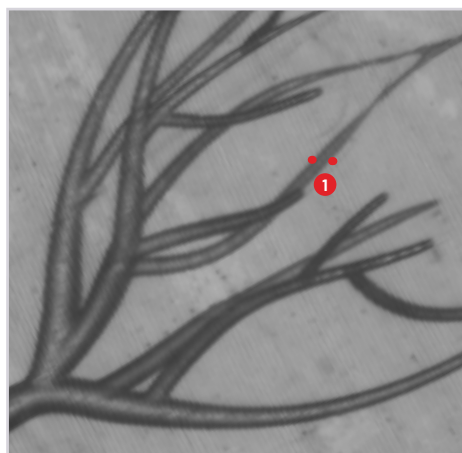


Blood Vessel Model

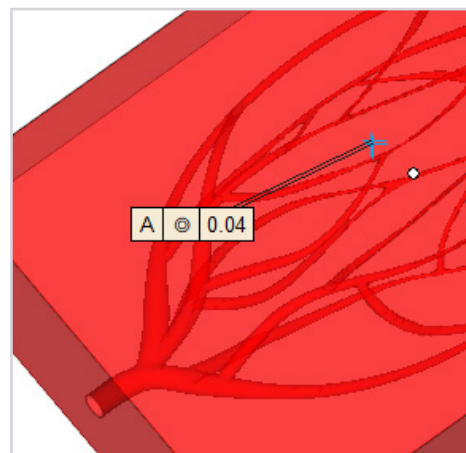
DIMENSIONS 6mm x 10mm x 2mm

RESOLUTION $2\mu\text{m}$

TOLERANCE $\pm 0.010\text{mm}$



1 0.05 diameter channels

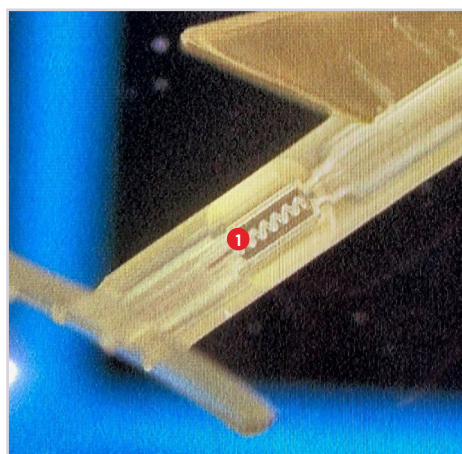


Glaucoma Stent

DIMENSIONS 1.8mm x 0.8mm x 2.17mm

RESOLUTION $2\mu\text{m}$

TOLERANCE $\pm 0.010\text{mm}$



1 0.17 wall thickness

