

# microArch™ 3D Printers

	S130	S230	S140	S240	S350
LIGHT SOURCE	UV-LED (405nm)	UV-LED (405nm)	UV-LED (405nm)	UV-LED (405nm)	UV-LED (405nm)
PRINTING MATERIAL	Photosensitive resin	Photosensitive resin, ceramic	Photosensitive resin	Photosensitive resin, ceramic	Photosensitive resin, ceramic
XY OPTICAL RESOLUTION	2µm	2µm	10µm	10µm	25µm
XY POSITIONAL ACCURACY	± 0.2µm	± 0.2µm	± 1µm	± 1µm	± 1µm
BUILD SIZE	50 × 50 × 10mm	50 × 50 × 50mm	94 × 52 × 45mm	100 × 100 × 75mm	100 × 100 × 50mm
LAYER THICKNESS	5~20µm	5~20µm	10~40µm	10~40µm	10~50µm
SURFACE FINISH	0.4-0.8µm Ra (top) 1.5-2.5µm Ra (side)	0.4-0.8µm Ra (top) 1.5-2.5µm Ra (side)	0.4-0.8µm Ra (top) 1.5-2.5µm Ra (side)	0.4-0.8µm Ra (top) 1.5-2.5µm Ra (side)	0.4-0.8µm Ra (top) 1.5-2.5µm Ra (side)
EXTERNAL DIMENSIONS	1720 × 750 × 1820mm	1720 × 750 × 1820mm	650 × 650 × 750mm	650 × 700 × 790mm	1350 × 850 × 1900mm
WEIGHT	550kg	660kg	85kg	130kg	500kg
POWER SUPPLY	2000w	2000w	2000w	2000w	2000w
ELECTRICAL REQUIREMENT	110 - 120 VAC, 50-60 Hz, Single Phase, 10 Amps 220 - 240 VAC, 50-60hz, Single Phase, 5 Amps	110 - 120 VAC, 50-60 Hz, Single Phase, 10 Amps 220 - 240 VAC, 50-60hz, Single Phase, 5 Amps	110 - 120 VAC, 50-60 Hz, Single Phase, 10 Amps 220 - 240 VAC, 50-60hz, Single Phase, 5 Amps	110 - 120 VAC, 50-60 Hz, Single Phase, 10 Amps 220 - 240 VAC, 50-60hz, Single Phase, 5 Amps	110 - 120 VAC, 50-60 Hz, Single Phase, 10 Amps 220 - 240 VAC, 50-60hz, Single Phase, 5 Amps
CERTIFICATIONS	CE	CE	CE	CE	CE