



RESOLUTION × ACCURACY × PRECISION

microArch™ 3D Printers

	S230	S140	S240	S350	D1025
LIGHT SOURCE	UV-LED (405nm)	UV-LED (405nm)	UV-LED (405nm)	UV-LED (405nm)	UV-LED (405nm)
PRINTING MATERIAL	Photosensitive resin, ceramic	Photosensitive resin	Photosensitive resin, ceramic	Photosensitive resin	Photosensitive resin
XY OPTICAL RESOLUTION	2µm	10µm	10µm	25µm	10µm and 25µm
XY POSITIONAL ACCURACY	± 0.2µm	± 1µm	± 1µm	± 1µm	± 1µm
BUILD SIZE	50 × 50 × 50mm	94 × 52 × 45mm	100 × 100 × 75mm	100 × 100 × 50mm	100 × 100 × 50mm
LAYER THICKNESS	5–20µm	10–40µm	10–40µm	10–50µm	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	650 × 650 × 750mm	650 × 700 × 790mm	1350 × 850 × 1900mm	1350 × 900 × 1950mm
WEIGHT	660kg	85kg	130kg	500kg	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