

BRING YOUR WORK TO LIFE

Allevi 1

Designed to do MORE for less

With the smallest footprint and widest material capabilities of any 3D bioprinter on the market, you're going to love using the Allevi 1



Designed and optimized for research in

- Tissue engineering
- Materials science
- Regenerative medicine
- Disease modeling
- 3D cell/tissue culture
- Organ-on-a-chip
- Microphysiological systems
- Drug delivery



Extruder Pneumatic System

Do more with less with the Allevi 4-in-1 CORE printhead



Temperature Controlled

Unmatched versatility for bioinks and optimal print outcome



Nozzle Auto Calibration

Intuitive set up for any needle length with 1 click



UV/Blue Light Photocuring

Easy bioprinting with built-in crosslinking systems

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Trusted by Leading Institutions



TECHNICAL SPECIFICATIONS

Extruders	1 x Allevi CORE Extruder
Photocuring	LED - 365nm and 405 nm
Printing Technology	Fused Deposition Manufacturing (FDM)
Compatible Syringes	5 mL plastic, 5 mL metal
Min. Temp	4°C
Max. Temp	160°C
Min. Pressure	3 PSI
Max. Pressure	100 PSI
Pressure Variance	±1 PSI
Construction	Aluminium Frame
X, Y Precision	7.5 µm
Z Precision	1 µm
Build Volume (W x H x D)	3.5 x 2.4 x 5.1 in (42.8 in ³)
Build Volume Metric (W x H x D)	9 x 6 x 13 cm (702 cm ³)
Supported Build Plates	Slide, Petri Dish, Well Plate
Dimensions (W x H x D)	11.8 x 11.2 x 10.8 in
Dimensions Metric (W x H x D)	30.0 x 28.3 x 27.5 cm
Weight	15.5 lbs (7.0 kg)
Power Requirements	AC 110V - 220V

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