

BRING YOUR WORK TO LIFE

# Allevi 2

## Small but MIGHTY



Your Best-in-class Entry Level 3D Bioprinter

### Get Started with 3D Cell Culture

Our **Allevi bioprinters** are powerful lab-adapted tools to recreate complex 3D tissue models and environments that are:



Clinically relevant



Physiologically applicable



Adaptable disease models



#### Duo Extruder Pneumatic System

Optimal print material compatibility



#### Temperature Controlled

Unmatched versatility for bioinks and optimal print outcome



#### UV/Blue Light Photocuring

Easy bioprinting with built-in crosslinking systems



#### Precision Focused

Beautifully designed, precision-manufactured 3D bioprinter

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Trusted by Leading Institutions



# TECHNICAL SPECIFICATIONS

Extruders	2
Photocuring	LED - 405 nm standard, 365 nm option
Printing Technology	Fused Deposition Manufacturing (FDM)
Compatible Syringes	10 mL plastic, 10 mL metal
Min. Temp	Ambient
Max. Temp	160°C, 70°C
Min. Pressure	3 PSI
Max. Pressure	120 PSI
Pressure Variance	±1 PSI
Construction	Aluminium Frame
X, Y Precision	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 <sup>3</sup> )
Build Volume Metric (W x H x D)	9 x 6 x 13 cm (702 cm <sup>3</sup> )
Supported Build Plates	Slide, Petri Dish, Well Plate
Dimensions (W x H x D)	12.3 x 12.2 x 12.1 in
Dimensions Metric (W x H x D)	31.3 x 31.1 x 30.8 cm
Weight	19 lbs (8.6 kg)
Power Requirements	AC 110V - 220V

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