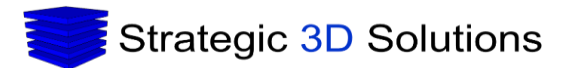


ETEC Bioplotters



	Manufacturer Series	Developer Series	Starter Series
Axis Resolution (XYZ)	0.001 mm (0.00004")	0.001 mm (0.00004")	0.001 mm (0.00004")
Speed	0.1 - 150 mm/s (0.004" - 5.91"/s)	0.1 - 150 mm/s (0.004" - 5.91"/s)	0.1 - 150 mm/s (0.004" - 5.91"/s)
Pressure	0.1 - 9.0 bar (1.45 - 130 psi)	0.1 - 9.0 bar (1.45 - 130 psi)	0.1 - 9.0 bar (1.45 - 130 psi)
Build Volume (XYZ)	150 x 150 x 140 mm (5.91" x 5.91" x 5.51")	150 x 150 x 140 mm (5.91" x 5.91" x 5.51")	150 x 150 x 140 mm (5.91" x 5.91" x 5.51")
Needle Position Control	Z-Sensor + High Resolution Camera	Photo Sensor	Photo Sensor
Camera Resolution (XY)	0.009 mm (0.00035") per Pixel	-	-
Needle Sensor Resolution	0.001 mm (0.00004")	0.03 mm (0.0012")	0.03 mm (0.0012")
Minimum Strand Diameter	0.100 mm (0.004") - Material Dependent	0.100 mm (0.004") - Material Dependent	0.100 mm (0.004") - Material Dependent
Number of Materials per Scaffold	Maximum 5 Materials Using 5 Print Heads	Maximum 3 Materials using 3 Print Heads	Maximum 2 Materials
Print Heads Included	1x Low and 1x High Temperature Head	1x Low and 1x High Temperature Head	2x Fixed High Temperature Heads (includes adapter for smaller cartridges)
Filters Included	Particle and Sterile Filters	Particle and Sterile Filters	Particle Filter
Platform Temperature Control	Heating and Cooling Capable (-10°C to 80°C)	Heating and Cooling Capable (Chiller not included)	No
Platform Height Control	Automatic Z-height Controlling System	Automatic Z-height Controlling System	Manual
Material Calibration	Semi-Automatic Material Calibration	Manual Material Calibration	Manual Material Calibration
Additional Features	Automated Nozzle Cleaning Process 4 External Temperature Sensor Ports Layer by Layer Photographic Log	Automated Nozzle Cleaning Process	Automated Nozzle Cleaning Process Built-in PC

Authorized Reseller



Strategic 3D Solutions, Inc.
 4805 Green Road, Suite 114
 Raleigh, NC 27616
 919-451-5963
info@strategic3dsolutions.com
www.strategic3dsolutions.com