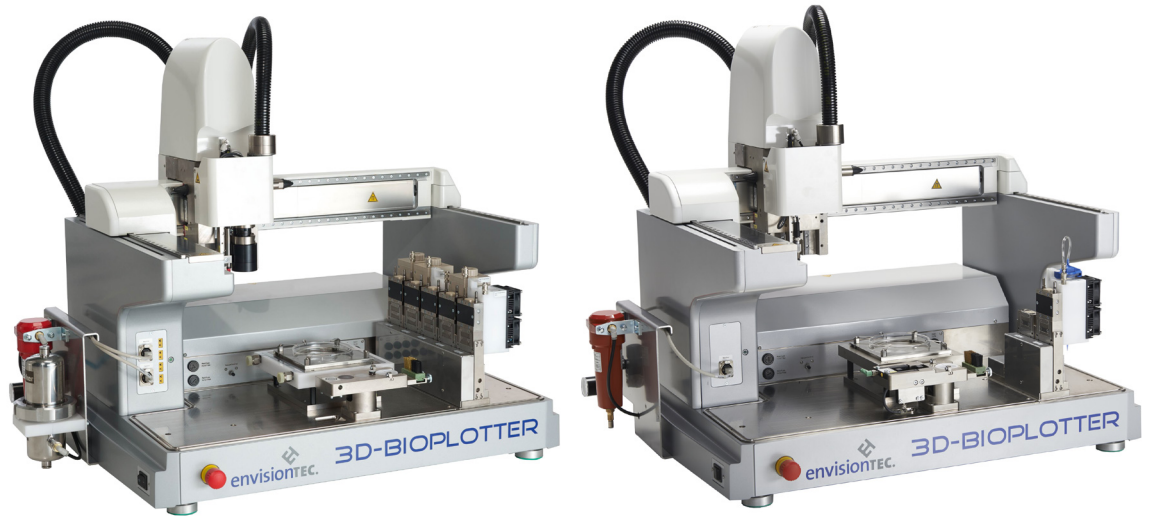


3D-BIOPLOTTER®

MANUFACTURER & DEVELOPER SERIES (4th Generation)

The 3D-Bioplotter® System comes in two version to match the needs of varying users and budgets. The 3D-Bioplotter® Developer Series is the ideal choice for the basic needs of Tissue Engineering and educational institutions, while the 3D-Bioplotter® Manufacturer Series offers all options needed by the advanced operator.



For an overview of differences between the models please refer to the table below:

MANUFACTURER SERIES	DEVELOPER SERIES
5 different cartridges can be used during the same build job	2 different cartridges can be used during the same build job (optionally upgradable to max. 3)
1x Low and 1x High Temperature Head	1x Low Temperature Head
Particle and sterile filters	Particle filter only
Needle position control via high resolution camera	Needle position control via photo sensor
Heating and cooling capabilities on building platform	-
4 external temperature sensor ports	-
Semi automatic material calibration	-
Automatic z-height controlling system for changeable platform add-ons, e.g. petri dishes	
PC with machine control software	
Automated nozzle cleaning process	
Axis Resolution (XYZ): 0.001 mm (0.00004")	
Speed: 0.1 - 150 mm/s (0.004" - 5.91"/s)	
Build Volume: 150 x 150 x 140 mm (5.91" x 5.91" x 5.51")	
Minimum Strand Diameter: 0.100 mm (0.004") - Material Dependent	

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