

• Main Features

Organ Regeneration Platform

Available applications for clinical level

Incubation System

CO₂ incubating system for cells

6 Printheads

1 replaceable fixed module + 5 rotary syringe heads

in-situ 4D printing

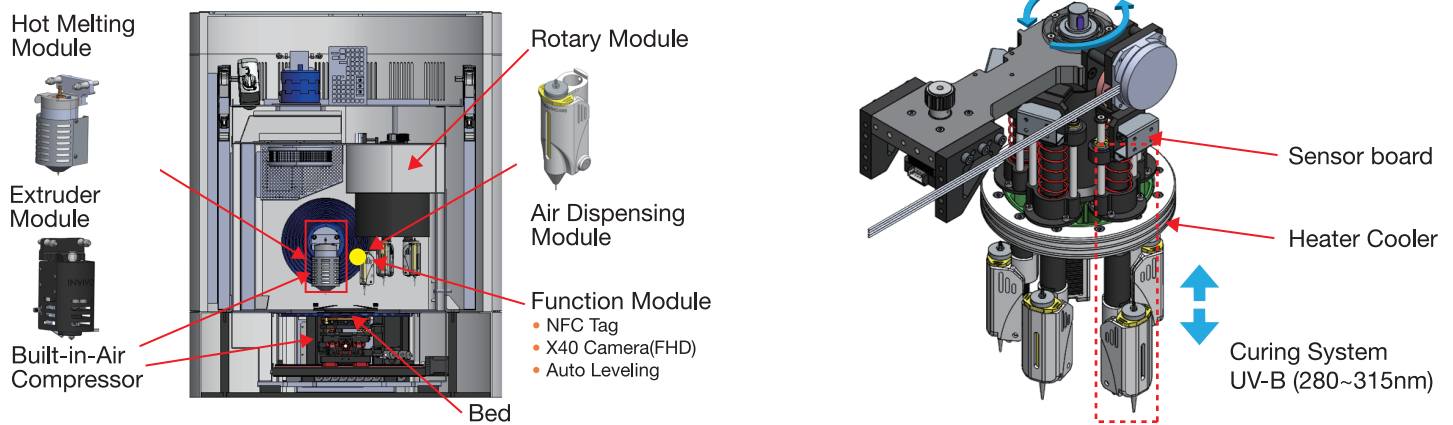
The World's First Z-Axis Curved Surface Printing

Sterilization

H₂O₂ plasma, UV

User-Oriented Interface

PC/tablet/smartphone app, Intranet/Direct Wi-Fi



Printhead	Filament Extruder X 1EA
	Hot-Melting Pneumatic Dispense X 1EA
	Syringe Pneumatic Dispense X 5EA + NFC Tagging System 1EA
Printing Bed & Syringe Temperature	-4~60°C (cooling/heating)
Max. Pressure	5bar / 10bar(optional)
Printing Speed	Up to 50mm/s
Build Volume	80 x 80 x 85 (mm)
Auto-Leveling / Nozzle Tip Alignment	Ultrasonic Sensor + 100TPI Fine Adjust Screw / Fork Sensor
Linear actuation	High precision linear robot (including ball screw)
Camera	720p HD Camera
Advanced features	H14 HEPA filter(retention rate 99.995%)
	CO ₂ Incubator (CO ₂ 5%, 37°C, Humidity 80%)
	H ₂ O ₂ Plasma sterilizer (optional)

*The above specifications may be subject to change without notice to improve performance.



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