



Inspired by Nature,
Healthcare Innovation by

Dr. INVIVO 406
ORGAN REGENERATOR

Dr. INVIVO 406

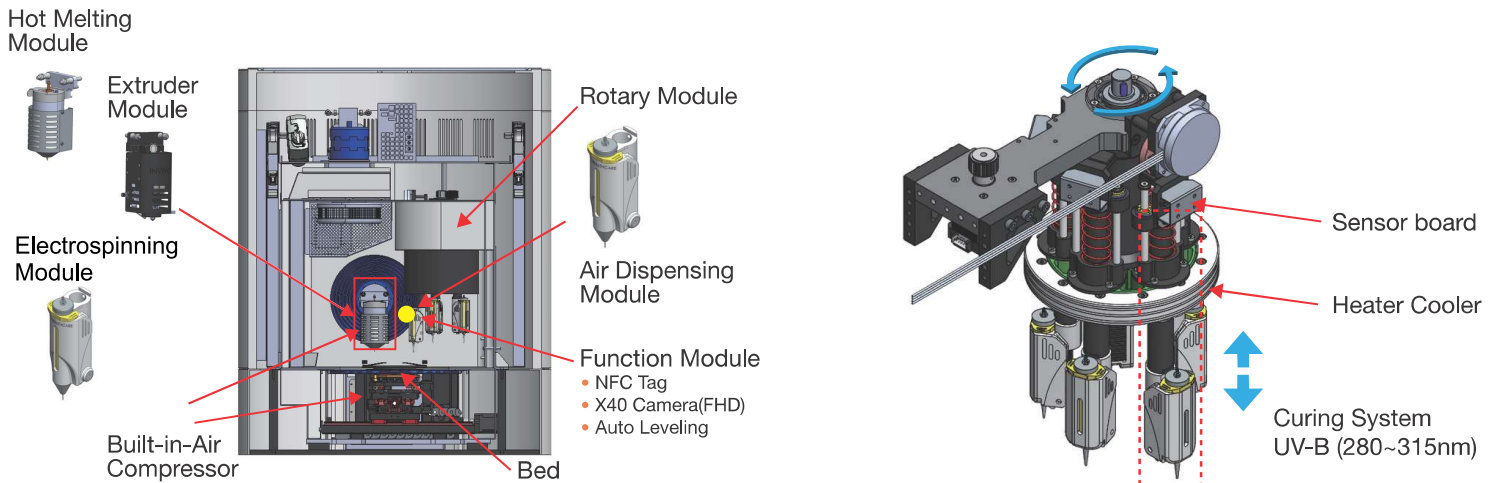
From Lab to Hospital

• Main Features

Organ Regeneration Platform	Available applications for clinical level
Incubation System	CO ₂ 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	H ₂ O ₂ plasma, UV
User-Oriented Interface	PC/tablet/smartphone app, Intranet/Direct Wi-Fi

• New Feature

Electrospinning , Input Voltage 3V, Output Voltage ~9KV, Total Power ≤1w



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.



Contact

Tel +82 10 4608 6080
 Email info@rokit.co.kr
 Web rokithealthcare.com
 SNS facebook.com/rokithealthcare



Website