

Water Jacketed

CO₂

I N C U B A T O R



LWJI
SERIES



Water Jacketed CO2 Incubator LWJI-A series

Microprocessor PID controlled CO2 Incubator ensures optimum environment for cell and tissue culture growth. It is made up of corrosion resistant stainless steel and provides protection against over temperature and current leakage. These CO2 Incubator delivers a higher level of performance for a dependable and reliable in-vitro growth environment through water jacket that provides true temperature uniformity and CO2 gas control. This incubator features unsurpassed temperature stability and superior parameter recovery.

Features:

- Water jacket type
- Microprocessor PID controller/Programmable controller
- LED display
- Timer alarm, auto tuning, over temperature and current protection system for user safety
- Tempered safety glass with magnetic packing
- Made of stainless steel and powder coated steel plate
- Auto temperature compensation and auto sensor calibration



Application:

These CO2 Incubator are widely used for a broad range of applications that includes:

- Tissue engineering
- In vitro fertilization
- Neuroscience
- Cancer research
- Stem cell research
- Regenerative medicine
- Mammalian cell research

Specifications:

Model	LWJI-A10	LWJI-A11	LWJI-A12	LWJI-A13
Capacity	49 Litres	101 Litres	150 Litres	324 Litres
Internal Dimension	350x360x405 mm	450x450x500 mm	495x515x600 mm	600x600x900 mm
Overall Dimension	500x495x785 mm	600x600x900 mm	660x645x1010 mm	750x745x1250 mm
Weight	55kg	95kg	130kg	185kg
Circulation	Natural Convection		Circulation Fan	
Jacket Type	Water Jacketed			
Temperature Range	Ambient +5°C to 60°C			
Temperature Accuracy	± 0.2 at 37°C			
CO2 Range	0 to 20%			
CO2 Accuracy	± 0.1% at 37°C			
Sensor	Digital NDIR Sensor			
Device Safety	Over Temperature safety, Leakage breaker & Alarm Function			
Power Supply	AC 220V, 50/60Hz			



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