

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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