

Labomiz

Water Jacketed



**CO₂
Incubator**

Labomiz Scientific

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Microprocessor PID controlled CO₂ Incubator MWJCI-1 Series 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

Applications:

Water jacketed CO₂ incubators are widely used for a broad range of applications that includes tissue engineering, In vitro fertilization, neuroscience, cancer research, stem cell research, regenerative medicine and mammalian cell research.

Specifications :

Model No.	MWJCI-1A	MWJCI-1B	MWJCI-1C	MWJCI-1D
Chamber Volume	49 L	101 L	150 L	324 L
Temp. Range	Ambient 5 °C to 60 °C			
Temp. Accuracy	± 0.2 at 37 °C			
CO ₂ Range	0 to 20 %			
CO ₂ Accuracy	± 0.1 % at 37 °C			
Circulation	Natural Convection			Circulation Fan
Sensor	Digital NDIR Sensor			
Device Safety	Over Temperature safety, Leakage breaker & Alarm Function			
Interior Dimension (W × D × H)	350 x 360 x 405 mm	450 x 450 x 500 mm	495 x 515 x 600 mm	600 x 600 x 900 mm
Exterior Dimension (W × D × H)	500 x 495 x 785 mm	600 x 600 x 900 mm	660 x 645 x 1010 mm	750 x 745 x 1250 mm
Power Supply	AC 220 V, 50 / 60 Hz			

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