

Air Jacket CO2 Incubator

HUMAN Lab® CI Series

1 Features

- Digital infrared CO2 sensor with auto. temperature compensation and auto. zero calibration
- Microprocessor digital PID control provides precise temp. control up to +60°C, timer alarm, auto tuning, over temp. and current protection capability ensure user safety.

3 Options :

- 1) Water Jacket type Model : CI-XXX-W series
- 2) Programmable controller
- 3) RS485 communication interface



2 Specifications

Model		CI-50-A	CI-100-A	CI-150-A	CI-324-A
Capacity		49 liter	101 liter	150 liter	324 liter
Chamber (WxBxH) mm		350x360x405	450x450x500	495x515x600	600x600x900
Circulation		Natural convection			Circulation fan
CO2	Range	0 to 20% ±0.1 % at 37 °C			
	Sensor	Digital NDIR sensor			
Temperature		Amb. +5 °C to +60 °C ±0.2 at 37 °C			
Material		Stainless steel+Powder coated steel plate			
Door		Tempered safety glass & magnetic packing			
Control & Display		Digital PID control & LED display			
Safety Device		Over temp. protector, Leakage breaker & Alarm function			
Power Source		220VAC, 50/ 60Hz			
Overall (WxDxH) mm		500x495x785	600x600x900	660x645x1010	750x745x1250
Weight (Kg)		55	95	130	185

CO2 & O2 Incubator

HUMAN Lab® COI-130



1 Features

- This compact CO2&O2 incubator is ideal for cell, tissue and plant culture when space is limited in the lab.
- Programmable PID controller has LCD displays for temp. humidity, CO2 & O2 monitored by sensors

2 Specifications

Model		COI-130A	COI-130W
Capacity		130 liter / 445Wx470Bx620H(mm)	
Range	O2	2 to 20%±0.1% / infrared sensor	
	CO2	0 to 20%±0.1% / non dispersive infrared	
Temp. Range		Amb. +5 to + 60 °C	
Humidity Range		Up to 96% RH	
Jacket Type		Air, 60 Liter	Water 65 liter
Door		Door heater, magnetic closure	
Shelves		Stainless steel x 3, Adjustable	
Control & Display		P/ microprocessor digital LED display	
Utility		Blow drain, sample pot, access hole	
Material		Stainless steel+Powder coated steel plate	
Safety Device		Over temp. limiter, Gas & W/J monitor	
Power Source		220VAC, 50/60Hz	
Overall (WxDxH)		582x580x1015mm	
Weight (Kg)		125	