

# WATER JACKETED CO2 INCUBATOR (TCD) INCA2-185TCD



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## INCA2-185TCD

Water jacketed CO2 incubators are ideal for cell culture applications. These are designed to provide uniform temperatures and highly stable CO2 environments that are necessary to prevent shocks to cells. Precisely controlled, accurate, pure environment throughout the culturing process is maintained. High precise gas sensor is applied with automatic start function. These incubators are an ideal solution for labs involved with potential power disruption or significant ambient temperature fluctuations affecting the integrity of their cultures.

Used in Tissue Engineering, Vitro fertilization, Cell Culturing, Tissue culturing, Mammalian cell research, Oncology studies..

Also known as Laboratory CO2 Incubator Water Jacketed.

## INCA2-185TCD WATER JACKETED CO2 INCUBATOR (TCD)

Microprocessor temperature and CO2 controller

Water reservoir volume: 3L

Alarms: Power interruption, High/Low temperature, CO2 deviation, low RH programmable alarm, Door ajar, Independent over heat protection

RS232 interface

Type 304 Stainless steel shelves



### SPECIFICATIONS

Model	INCA2-185TCD
Capacity	185 L
Water Jacket Volume	43.5 L
Temperature Range	5°C above ambient temperature to 55°C
Temperature Stability	±0.1°C
Temperature Uniformity	±0.2°C
Temperature Sensors	PT1000
CO2 Range	0-20%
CO2 Stability	±0.1%
CO2 Sensor	Thermal conductivity / IR
CO2 Inlet Pressure	0.1 Mpa
Interior	Type 304, mirror finish, stainless steel
Exterior	Cold-rolled steel, powder coated
Internal Dimension	544Wx504Dx681H mm
Exterior Dimension	655Wx656Dx1030H mm
Shelves	3 standard, 11 maximum
Weight	110 kg

Power	430 W
Power Supply	220V/50Hz (standard), 110V/60Hz (Optional)

**LABSTAC**

**Labstac LLC**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [contact@mail.labstac.com](mailto:contact@mail.labstac.com) | Website: [labstac.com](http://labstac.com)