

MODEL NO.: YSI-449Ex

YSI CO₂ INCUBATOR

Features

Fast Heat-Up, Fast-Recovery, Stable Control

- 6 Sides Direct Heating System
Electric Heating wire is covered on all sides of chamber which makes stable uniformity and provides fast heat-up & temperature recovery
3 parts of heating section are controlled and calibrated individually by 3 temperature sensors.
- Dry Wall and Air Jacket
- Warm Air from heating wire is preserved in space between chamber and insulation. It helps temperature recovered faster and minimize heat loss. Dry wall with insulation is not required to regular maintenance.
- DUAL BEAM IR CO₂ Sensor Fast & Precise Detection for CO₂ gas regardless of temperature and humidity
- Natural Humidification using Water Tray
The heater on bottom side warm the water in tray and it makes humidification. Circulation fan deliver the moisture formed from the water in entire chamber
- No Condensation
Heating by front door heater & frame heater prevent condensation in chamber and on glass door



- Microprocessor PID Control
Intelligence Control for CO₂ density, Temperature, Alarm, Automatic Decontamination (Optional).
- HEPA filtration of gas supply inlets.
Various Option
various option such as decontamination, Oxygen Control is available in CO₂ incubators.

Model		YSI-449Ex
Chamber volume (L)		180
Temp. °C	Range	Ambient +5~60
	Accuracy	±0.1 (37)
	Resolution	0.1
	Control	Digital PID
CO ₂	Range	0% ~20%
	Accuracy	±:0.1%
	Resolution	0.1%
	Sensor	IR Co ₂
	Control	Microprocessor
Inlet pressure range		0.6~0.7 bar
Display		LED Display
Operating Panel		Individual 2 channel Touch Button
Jacket Type		Dry Wall Type (6 sides heat)
Chamber material		Stainless Steel (304)
Number of shelves		3/8
Chamber dimension (WxDxH)		473 x 528 x 710mm
Over all dimension (WxDxH)		560 x 665 x 945mm

TEMPERATURE CONTROL