

✿ YORLAB® CO₂ INCUBATOR

Model No.: YSL / YSI-449Ex.

Specifications:

- Fast Heat-Up, Fast-Recovery, Stable Control
- 16 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	YSL / 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	