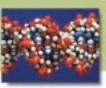# Air-Jacketed Automatic CO$_2$

Model 495

Exclusive Decontam Cycle!

- Choose from IR or TC sensors
- Exclusive SMARTGAS® system for accurate CO$_2$ control
- Exclusive DECONTAM cycle automatically decontaminates - TC sensor models only
- Security password protection of set points for unintended changes
- ☆ *24 Month Warranty*

- Fast 7 minute CO2 recovery to 5% after 30 second door opening protects cultures.
- Dual chamber models come with separate, independent control systems.
- Corrosion-resistant polished stainless steel chamber features rounded corners for easy cleaning.
- Temperature adjustable heated door keeps inner glass door free of condensation for improved viewing of cultures.
- Keypad programming for fast, easy adjustment of parameters.
- Five shelves and supports can be removed and reinstalled without tools for complete decontamination and easier cleaning. Twelve shelf positions per chamber.
- Accessory HEPA filter (99.7% efficient at 0.5 microns) can be easily installed to ensure aseptic cell culture.

Operation

- CO$_2$ concentration from 0-20% with ±0.1% control.
- Audible and visual alarms indicate temperature deviations of ±1°C or more, CO$_2$ concentration deviations of 1% or greater, or when incubator door has been left open for more than five minutes.
- Independent hydraulic high limit thermostat protects cultures in case of microprocessor system failure.

Product Description

- Built-in RS232 port for transferring temperature and CO$_2$ data to a printer.
- Easy-to-read LED display scans between actual temperature and % CO$_2$.

PRODUCT SPECIFICATIONS

Model #	Sensor Type	Operating Temp Range °C	Temperature Control °C	Temperature Uniformity °C	Chamber Volume cu. ft. (l)	Chamber Dimensions Inches (cm) W	H	D	Overall Dimensions Inches (cm) W	H	D	Shipping Weight Lb. (kg)
490, 490-1CE, 495, 495-1	TC IR	Ambient +5° to 60°C Ambient +5° to 55°C	±0.1°C	±0.25°C	single chamber 6.2 (176)	22 (56)	single 22 (56)	22 (56)	27.3 (69)	34 (86)	26.8 (68)	245 (111)
492, 492-1CE, 497, 497-1	TC IR	Ambient +5° to 60°C Ambient +5° to 55°C	±0.1°C	±0.25°C	dual chamber (2) 12.4 (352)	44 (112)	side-by-side 44 (112)	22 (56)	54.6 (139)	34 (86)	26.8 (68)	490 (222)
494, 494-1CE, 499, 499-1	TC IR	Ambient +5° to 60°C Ambient +5° to 55°C	±0.1°C	±0.25°C	dual chamber (2) 12.4 (352)	22 (56)	stacked 44 (112)	22 (56)	27.3 (69)	68 (173)	26.8 (68)	490 (222)

ORDERING INFORMATION

Model #	Volts	Electrical (50/60 Hz) Amps	Watts	US List Price
TC Sensor				
490	120	7.1	850	$5,028.00
490-1CE	230/240	3.5	850	$5,028.00
492	120	14.2	1700	$9,975.00
492-1CE	230/240	7.1	1700	$9,975.00
494 [5]	120	14.2	1700	$9,975.00
494-1CE	230/240	7.1	1700	$9,975.00
[5]ETL				

Model #	Volts	Electrical (50/60 Hz) Amps	Watts	US List Price
IR Sensor				
495[5]	120	7.1	850	$6,222.00
495-1[5]	230/240	3.5	850	$8,110.00
497[5]	120	14.2	1700	$12,362.00
497-1[5]	230/240	7.1	1700	$12,362.00
499[5]	120	14.2	1700	$12,362.00
499-1[5]	230/240	7.1	1700	$12,362.00

ACCESSORIES

Model #	Description	Dimensions, Inches (cm) W	H	D	US List Price
Factory Installed Options for 495, 497, 499 Series (IR models only)					
370-24	Printer				$711.00
370-25	Cable for printer				$46.00
490-5	Mobile cart for 460/490	27 (68.6)	3.25 (8.3)	23.9 (60.7)	$450.00

Model #	Description	Dimensions, Inches (cm) W	H	D	US List Price
Factory installed Options for 495, 497, 499 Series (IR models only)					
490-4	Stacking Stand for 460/490	34.2 (86.8)	41.7 (105.9)	26.9 (68.3)	$572.00
490-9	Hepa Filter				$185.00
RH	RH Display				$594.83
If a 495 with RH display is required, order 495RH					