

IncuMax IC500R & IC850R

Low-Temperature Incubators



The IncuMax IC500R, a 19.4 cu ft (550 liters) and **IncuMax IC850R** (30.0 cu ft, 850 liters) low-temperature incubators from Amerex feature a microprocessor PID controller, an efficient refrigeration system, and a forced-air circulation to provide both exceptional temperature uniformity and rapid heat recovery throughout their stainless steel chambers. It is suitable for applications from -5°C to 65°C. Mounted on casters, it can be moved around easily. For stability, the casters are supplemented by leveling bolts. An electrical outlet enables low-wattage laboratory equipment to be operated inside the chamber.

A double-pane viewing window allows you to observe the contents inside the chamber without opening the door. For light-sensitive materials, you can move the sliding panel to cover the window. The incubator also features an independent over-temperature safety thermostat to prevent over-heating.

Two 1.77" (45 mm) ports allow access of temperature probes into the chamber. Four adjustable shelves are included with the IC500 and six adjustable shelves with the IC850R.

Amerex Instruments, Inc.

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SPECIFICATIONS	IC500	IC850
Temperature Control	PID microprocessor temperature controller with auto-tuning, digital temperature display to 0.1°C	
Temperature Range	-5°C above ambient to 65°C	
Temperature Accuracy	±0.1°C	
Temperature Uniformity	±0.5°C at 37°C	±1.0°C at 37°C
Circulation	Forced air	
Electric Outlets	Two	
Window	Dual-pane glass window which can be closed by a sliding panel, eliminating need to open door for observation	
Over-temp. Protection	Independent safety thermostat prevents over-heating	
Chamber Material	Stainless steel	
Chamber Shelves Included/Maximum No.	4/30	6/40
Probe Access Port	Two, 1.77" (45 mm)	
Chamber Dimensions	26.8"W x 22.8"D x 55.1"H (68cm x 58cm x 140cm)	33.5" x 33.5" x 55.1" (85 x 85 x 140) cm
Chamber Volume	19.4 cu. ft. (550 liters)	30.0 cu ft (850 liters)
Overall Dimensions	29.9"W x 32.3"D x 73.2"H (76cm x 82cm x 186cm)	36.6" x 41.7x 73.6" (93 x 106 x 187) cm
Power Requirements	120VAC, 50/60 Hz, single phase (220V available)	
Shipping Weight	521 lb (237 kg)	620 lb (282 kg)
Warranty:	1 year	



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