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Sanyo MCO-17AIC Incubator

SPECIFICATIONS of the Sanyo MCO-17AIC:

Name:	CO2 Incubator
Type	MCO-17AIC
Outer Dimensions	620W x 685D x 900H (mm)
Inner Dimensions	490W x 505D x 665H (mm)
Effective Capacity	164 L
Exterior	Acrylic finish baked on zinc galvanized steel
Interior	Stainless steel containing copper
Outer Door	Acrylic finish baked on zinc galvanized steel
Inner Door	Tempered glass
Tray	5 trays made of stainless steel containing copper 450W x 450D x 10H(mm), Maximum load; 10 kg/tray
Access port	Inner diameter; 30 mm, On the back side
Insulation	Rigid polyurethane foamed-in place(CFC-FREE)
Heating System	DHA system (heater jacket + air jacket system)
Heater	389 W
Humidifying system	Natural evaporation with humidifying pan
Temperature Controller	PID Control
Temperature Display	Digital display
CO2 Controller	ON-OFF control system
CO2 density display	Digital display
Air circulation	Stir up of breeze
Air filter	0.3um, Efficiency; 99.97%
Alarm	Temperature alarm, CO2 density alarm, Upper limit temperature alarm, Door alarm
Remote alarm contact	Allowable contact capacity: DC 30V, 2A
CO2 Connecting Inlet	4 to 6 mm diameter tube
Co2 pressure	0.03 Mpa (0.3 kg/cm ²)
Accessories	5 trays, 5 sets of tray support, 1 gas tube, 1 humidifying pan
Weight	91 kg
Optional component	CO2 pressure regulator (MCO-100L), Stainless tray (MCO-45ST), Stack kit (MCO-17PS)

PERFORMANCE

Usable environment condition	Temperature; +5°C to 35°C, Humidity; equal or less than 80% R.H.
Temperature control range	Ambient temperature +5°C to 50°C (ambient temperature: 5°C to 35°C)
Temperature distribution	$\pm 0.02^{\circ}\text{C}$ * (ambient temperature; 25°C, setting; 37°C, 5%, no load)
Temperature variation	$\pm 0.01^{\circ}\text{C}$ * (ambient temperature; 25°C, setting; 37°C, 5%, no load)
CO2 control range	0 to 20.0%
CO2 variation	$\pm 0.15\%$ (ambient temperature; 25°C, setting; 37°C, 5%, no load)
Chamber humidity	95 \pm 5% R.H
Maximum power consumption	440 W
Total maximum current	3.7 A(AC 110 to 120V), 1.8 A (AC 220 to 240 V)
Maximum heat emission	1584 kJ/h
Noise level	33dB (A scale)



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