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Sanyo MCO-17AI Incubator

SPECIFICATIONS of the Sanyo MCO-17AI:

Name:	Sanyo CO2 Incubator
Type	MCO-17AI
Outer Dimensions	620W x 685D x 900H (mm)
Inner Dimensions	490W x 505D x 665H (mm)
Effective Capacity	164 liters
Shelf Dimensions	450W x 450D x 10H (mm)
Capacity of Shelves	5 (standard), 17 (maximum)
Exterior Cabinet	Baked-on acrylic finish on galvanized steel
Interior Cabinet	Stainless steel (SUS-304)
Door	Baked-on acrylic finish on galvanized steel
Inner Door	Tempered glass
Shelves	Stainless steel (SUS-304)
Insulation	Rigid polyurethane foam (NON-CFC) + Glass wool
Heating Method	Air jacket
Humidifier	Natural evaporation from humidifying pan
Temperature Control	PID Control
CO2 Control	ON-OFF automatic control (chopperless infrared sensor)
Convection in the Box	Gentle Draft
Fan	Turbo fan (polypropylene), Outer diameter 80 mm
Fan Motor	2 polarities, Output 1W
Filter	0.3*u*m, Efficiency 99.97%
Power Source	Local voltage
Heaters	Total 424W
Gas Control Valve	Solenoid valve
Warning Function	Temperature, CO2 and the other alarm diagnosis system
Temperature Warning Indication	More than ±1◦C, the all figure of temperature flickers
CO2 Density Warning Indication	More than ±1%, the all figure of CO2 flickers
Overheat Warning	Manual set(35 ˜ 51◦C), OVER HEAT lamp warning, heater OFF
Capacity of Contact Point for Remote Alarm	AC125V, 0.4A; DC30V, 2A
Output of Remote Recorder Terminal	0 ˜100mV (temperature, CO2 density)
CO2 Connecting Inlet	4 ˜6 mm dia. Tube
Sample Gas Collecting Outlet	4 ˜6 mm dia. Tube
Weight	91 kg

ATTACHMENTS

Stainless Steel Shelves	5
Supports	5 sets
Tube for Gas	1
Humidifying Pan	1

PERFORMANCE

Suitable Temperature of Environmental Surrounding	0˚C ~ 35˚C
Extent of Temperature in the Unit	Room temperature +5˚C ~ 50˚C
Control Range of Temperature in the Unit	±.01˚C
Distribution of Temperature in the Unit	±.02˚C
Extent of CO2 Density	0 ~ 20.0%
Range of CO2 Regulation	±0.15%˚C*
Humidity in the Unit	95% R.H. or more
Secondary Pressure of CO2	0.3 kg/cm2G
Total Power Consumption	440W (maximum)

*Value measured at 37˚C. CO2 density of 5.0%.Ambient temperature 20˚C

OPTIONS

Co2 Pressure Regulator	250 kg/cm2G (primary), 2kg/cm2G (secondary)
Stainless Steel Shelf	The same as the attached shelf, supplied with supports
Stack Kit	MCO-17PS

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