

**MCO-5AC
MCO-5M**



**CO₂ and CO₂/O₂
Laboratory
Incubators
(1.7 cu.ft.)**



Features:

- Precise CO₂ and O₂ control in a compact, space-saving design allows up to 3 models to be stacked
- Exclusive inCu-saFe[®] copper-enriched stainless steel alloy interior construction with inherent germicidal protection against contamination

Panasonic... the new name for SANYO

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CO₂ and CO₂/O₂ Laboratory Incubators

Panasonic model MCO-5AC CO₂ incubator features patented Direct Heat and Air Jacket temperature control for accurate, uniform temperature control and inCu-saFe® copper-enriched stainless steel interior for continuous contamination control. Panasonic laboratory CO₂ incubators feature selected SafeCell UV with exclusive Active Background Contamination Control. Panasonic model MCO-5M CO₂/O₂ incubator employs multiple sensor technologies to achieve in vitro simulation of the in vivo environment.

Specifications

Model Number	Volume (cu.ft.)	Exterior Dimensions (w x f-b x h)	Contamination Control	CO ₂ Control	O ₂ Control	Voltage, Power Connection
MCO-5AC-PA	1.7	18.9" x 21.6" x 22.6"	inCu-saFe® copper-enriched stainless steel interior, Optional SafeCell UV with ultraviolet light,	Thermal conductivity	—	115V NEMA 5-15
MCO-5M-PA	49 L	480 x 548 x 575 mm				

InCu-saFe® Interior

Copper alloy stainless steel plenums, shelves and brackets extend contamination control to the chamber interior. Superior contamination control with an anti-bacterial copper alloy stainless steel interior provides germicidal protection and helps eliminate molds, spores and other contaminating spills, kills mycoplasma and provides a noncorrosive environment.

P.I.D. Control Sophistication

Proportional, integral and derivative infrared CO₂ control accelerates recovery and prevents overshoot.

MCO-5AC
(shown stacked)



High Performance In Vitro Modeling

Stable temperature, humidity and CO₂ density are achieved through a combination of performance systems supervised by a centralized microprocessor controller complete with alarm, programming, calibration and diagnostic protocols exportable to remote database.

Zirconia O₂ Control (MCO-5M)

Non-depleting design for precise O₂ control with fast response to door openings. The maintenance-free zirconia solid-state sensor has a high degree of precision, a long service life and does not require fine adjustment. Through accurate determination of the chamber O₂ level the microprocessor injects either nitrogen gas or oxygen as required.

Direct Heat and Air Jacket Control

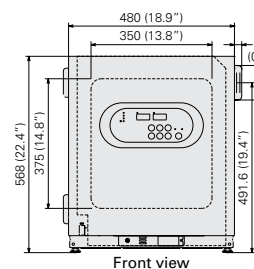
Patented, radiant-wall heating microprocessor controlled in three zones to maintain uniformity and optimum humidity. Unlike traditional water jacket units, the sealed air jacket and foam insulation maintains a uniform temperature and quick temperature recovery after door openings.

Air jacket technology requires little maintenance and provides a lightweight unit for easier relocation or repositioning for cleaning.

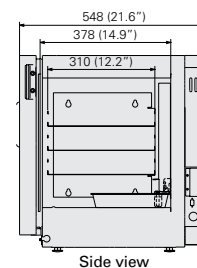
Inner Doors

Multiple chamber inner doors minimize loss of balanced interior atmosphere during routine door openings (available on selected models).

Product Dimensions (mm)



Side view



Side view

Panasonic

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