

PHCbi CO₂ and O₂ Incubators: MCO Portfolio

MCO-50AICL-PA	MCO-50M-PA	MCO-170ACL-PA	MCO-170AICUVL-PA	MCO-170AICUVHL-PA	MCO-170AICUVDL-PA	MCO-170MP-PA	MCO-230AICUVL-PA	MCO-801CL-PA
50 Liter 1.8 cu.ft.	50 Liter 1.8 cu.ft.	165 Liter 5.8 cu.ft.	165 Liter 5.8 cu.ft.	165 Liter 5.8 cu.ft.	165 Liter 5.8 cu. ft.	161 Liter 5.7 cu.ft.	230 Liter 8.1 cu.ft.	851 Liter 30.1 cu.ft.
Compact CO ₂ incubator	Compact multigas incubator	CO ₂ incubator	CO ₂ incubator	CO ₂ incubator	CO ₂ incubator	Multigas incubator	CO ₂ incubator	ReachIn CO ₂ incubator
+5 above ambient to +50°C	+5 above ambient to +50°C	+5 above ambient to +50°C	+5 above ambient to +50°C	+5 above ambient to +50°C	+5 above ambient to +50°C	+5 above ambient to +50°C	+5 above ambient to +50°C	+5 above ambient to +50°C
0 to 20% CO ₂	0 to 20% CO ₂	0 to 20% CO ₂	0 to 20% CO ₂	0 to 20% CO ₂	0 to 20% CO ₂	0 to 20% CO ₂	0 to 20% CO ₂	0 to 20% CO ₂
	1 to 18% and 22 to 80% O ₂					1 to 18% and 22 to 80% O ₂		
Dual infrared CO ₂ sensor	Dual infrared CO ₂ sensor Zirconia O ₂ sensor	Thermal conductivity CO ₂ sensor	Dual infrared CO ₂ sensor	Dual infrared CO ₂ sensor	Dual infrared CO ₂ sensor	Dual infrared CO ₂ sensor Zirconia O ₂ sensor	Dual infrared CO ₂ sensor	Infrared CO ₂ sensor
White graphic OLED display	White graphic OLED display	White graphic OLED display	LCD touchscreen	LCD touchscreen	LCD touchscreen	LCD touchscreen	LCD touchscreen	LED display
USB data logging	USB data logging	USB data logging	USB data logging	USB data logging	USB data logging	USB data logging	USB data logging	
NRTL listed	NRTL listed	NRTL listed	NRTL listed	NRTL listed	NRTL listed	NRTL listed	NRTL listed	NRTL listed
	FDA Listed*					FDA Listed*		
InCu-saFe® interior Optional SafeCell™ UV Optional H ₂ O ₂ vapor	InCu-saFe® interior Optional SafeCell™ UV Optional H ₂ O ₂ vapor	InCu-saFe® interior Optional SafeCell™ UV	InCu-saFe® interior SafeCell™ UV	InCu-saFe® interior SafeCell™ UV H ₂ O ₂ vapor	InCu-saFe® interior SafeCell™ UV Dual High Heat	InCu-saFe® interior SafeCell™ UV H ₂ O ₂ vapor	InCu-saFe® interior SafeCell™ UV	InCu-saFe® interior Optional SafeCell™ UV
Alarm system	Alarm system	Alarm system	Alarm system	Alarm system	Alarm system	Alarm system	Alarm system	Alarm system
115V	115V	115V	115V	115V	115V	115V	115V	115V

* FDA registered as a Class 2 Assisted Reproduction Device, FDA Product Code MQG, approved for *in vitro* fertilization applications, Registration Number 9616263.



MCO-80ICL-PA



MCO-170AICUVL-PA



MCO-50M-PA



MCO-170AICUVDL-PA



- Precision control of all parameters for repeatability
- Models with infrared CO₂ sensors are self-calibrating, reducing the need for periodic calibration to help ensure repeatability
- Active background contamination control with copper enriched stainless steel interiors that provide passive contamination control and UV light (UV light optional on some models)
- Choice of high heat or H₂O₂ decontamination in 170-liter models
- Two multigas models, MCO-50M and MCO-170MP, include oxygen control
- Easy to read large full-color touch panel controls on select models
- USB download of critical operating parameters and alarm events on select models



PHC Corporation of North America

Specifications are subject to change without notice.
Printed in USA | 03 | 02 | 2022 | OW12502.2 | vf