

A new model has been added to the Personal CO₂/Multi-gas Incubator series!
Optimum for use in combination with the Real-time Cultured Cell Monitoring System!

57L



Operation Panel



CO₂ Incubator



Multi-gas Incubator

■ Excellent temperature stability

Water-jacket and digital PID control minimize the influence of outside temperature change. Easy settings and adjustments of gas concentration and temperature rate.

■ Automatic set up function

With the Auto Setup Function, the unit is ready to use in 12 hours with precisely controlled CO₂ and O₂ concentrations.

■ Safety against contamination

Shelves and shelf holders can be removed without any tools. The air dust filter kits can be selected as an option to capture dust particle and fungal spores that may be circulating in the chamber.

■ CO₂ automatic calibration (APC-50DR/APM-50DR)

■ O₂ automatic calibration (APM-50D/APM-50DR)

■ Access Port

50L models come standard with an access port to provide power or to introduce air into the inner chamber. Access port is located on the right side of the unit.

■ AP-50 series

(unit = mm)

Models	APC-50D	APM-50D	APC-50DR	APM-50DR	
Outer Dimensions	W450×D472×H605				
Chamber Dimensions	W360×D370×H430				
Capacity	57L				
Shelf Dimensions	W338×D332				
Shelves per Chamber	3 Shelves (max 10 shelves)				
Heating Method	Water Jacket				
Temperature Control	Digital PID control				
Uniformity	Ambient +5°C ~ 50°C				
Temp. Accuracy	±0.1°C				
RH	Natural evaporation (with water in humidity pan)				
Access Port	30mm φ				
CO ₂ GAS	Sensor	TC sensor		IR sensor	
	Control System	ON/OFF		DUTY	
	Control Range	0~19.9%			
	Accuracy	±0.1			
O ₂ GAS	Auto-Calibration	—	—	Yes	Yes
	Sensor	—	Galvanic	—	Galvanic
	Control System	—	ON/OFF	—	ON/OFF
	Control Range	—	1~89%	—	1~89%
	Accuracy	—	±0.5%	—	±0.5%
Auto-Calibration	—	Yes	—	Yes	
Option	Analog output, shelf door, Air dust filter kit				
Power	AC100V 3A 50/60Hz				
Weight	46Kg				

■ Door Counter OCC-30D



(unit of scale=mm)

Model	OCC-30D
Dimensions	W33×D65×H35
Max count	0~99 ※Outer door
Sensor	Reed switch
Output	Count, alarm
Alarm	Door opening event lasting more than 3 mins.
Power	DC5V ※Supplied from Incubator

※Door opening event lasting less than 10 seconds may not be counted.

■ Air Dust Filter Kit

SCA: IF-200

SCI: IF-160

CDI: ID-160

APC/M30: IF-30

APC/M50: IF-50

Air dust filter replacement: IF-15



Combination of APC-50 and CCM500F.