



SCM-165D(SCM-165DR)



■Excellent Temperature Controls

The water-jacket with the PID controller means excellent temperature control and stability in the high-humidity conditions in the incubator.

■Auto Setup and Auto Calibration Function

With the Auto Setup Function, the unit is ready to use in 12 hours with precisely controlled CO₂ and O₂ concentrations. The models equipped with the IR sensor and with the O₂ sensor can be regularly calibrated.

■Access Port

The SCI models come standard with access port to provide power or to introduce air into the inner chamber.

■Stackable Design

The SCI model incubators can be stacked in places where space is limited. (Set-up example) TOP: Multi-gas incubator BOTTOM: CO₂ incubator.

■Safety Alarms

The incubators come equipped with alarm functions for water jacket level, overtemperature and CO₂/O₂ concentration.

■Your Choice of Gas Sensors

With 2 types of CO₂ sensors (IR or TC), and the O₂ control feature, there are four models to choose from to accommodate your needs.

■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 particles and fungal spores that may be circulating in the chamber.

(unit =mm)

Models (double type)	SCI-165D (SCI-325D)	SCI-165DR (SCI-325DR)	SCM-165D (SCM-325D)	SCM-165DR (SCM-325DR)	
Outer Dimensions	W625×D625×H955 (H1910 for double)				
Inner Chamber Dimensions	W500×D480×H680				
Capacity	163L				
Shelf Dimensions	W430×D430×H15				
No. of Shelves	5 (Max 21)				
Heating Method	Water Jacket (41L)				
Temp. Control	Digital PID				
Temp. Control Range	Ambient temp. +5°C~50°C				
Temp. Accuracy	±0.1°C				
Humidity	Natural Evaporation with Humidify Tray				
Access Port	30mm φ				
Shelf Doors	Optional		Yes*		
CO ₂	Sensor	TC sensor	IR sensor	TC sensor	IR sensor
	Control	ON/OFF	DUTY	ON/OFF	DUTY
	Control Range	0~19.9%			
	Stability	±0.1%			
Auto CAL	—	Yes	—	Yes	
O ₂	Sensor	—		Galvanic	
	Control	—		ON/OFF	
	Control Range	—		2~80%	
	Stability	—		±0.5%	
Auto CAL	—		Yes		
Options	Analog output, Airdust filter kit, Additional shelves				
Power	AC100V 7A (AC100V 14A for double)				
Weight	92Kg (133Kg when water filled) 184Kg for double (266Kg when water filled)				

■Operation Panel



CO₂ Incubator



Multi-Gas Incubator

* Select from 6.4.3.2.