

SPECIFICATIONS

CO2 Incubator / 165L

	SCA 165DS	SCA 165DRS	SCA 165D	SCA 165DR
CO2 Sensor	T/C	Infra-Red	T/C	Infra-Red
Ex Dimensions(W x D x H)	625 x 635 x 915 (mm) / 24.6 x 25.0 x 36.0 (Inches)			
Int. Dimensions(W x D x H)	510 x 500 x 640 (mm) / 20.0 x 19.6 x 25.2 (Inches)			
Shelves	4 shelves (Standard) / Max 19 shelves			
Shelf material	Stainless Steel			
Access port	Standard / upper right side in the back			
Temp. Range	5°C above ambient to 50°C			
Temp. Uniformity	±0.3°C			
Dry Sterilization	60°C to 140°C		N/A	
CO2 range	0%~20.0%			
CO2 accuracy	±0.1%			
Humidity	95%±3% by natural evaporation			
Weight	85kg		80kg	
Power	AC100V / 120V / 220V / 230V			

Tri Gas Incubator / 165L

	SCA 165DS	SCA 165DRS	SMA 165D	SMA 165DR
CO2 Sensor	T/C	Infra-Red	T/C	Infra-Red
O2 Sensor	Galvanic battery sensor			
Ex Dimensions(W x D x H)	625 x 635 x 915 (mm) / 24.6 x 25.0 x 36.0 (Inches)			
Int. Dimensions(W x D x H)	510 x 500 x 640 (mm) / 20.0 x 19.6 x 25.2 (Inches)			
Shelves	4 shelves (Standard) / Max 19 shelves			
Shelf material	Stainless Steel			
Access port	Standard / upper right side in the back			
Temp. Range	5°C above ambient to 50°C			
Temp. Uniformity	±0.3°C			
Dry Sterilization	60°C to 140°C		N/A	
CO2 range	0%~20.0%			
CO2 accuracy	±0.1%			
O2 range	2.0%~80.0%			
O2 accuracy	±0.5%			
Humidity	95%±3% by natural evaporation			
Weight	85kg		80kg	
Power	AC100V / 120V / 220V / 230V			

CO2 Incubator / 80L

	SCA 80DS	SCA 80DRS	SCA 80D	SCA 80DR
CO2 Sensor	T/C	Infra-Red	T/C	Infra-Red
Ex Dimensions(W x D x H)	533 x 506 x 760 (mm) / 20.0 x 19.9 x 29.9 (Inches)			
Int. Dimensions(W x D x H)	418 x 377 x 510 (mm) / 16.4 x 14.8 x 20.0 (Inches)			
Shelves	4 shelves (Standard) / Max 13 shelves			
Shelf material	Stainless Steel			
Access port	Available on request			
Temp. Range	5°C above ambient to 50°C			
Temp. Uniformity	±0.3°C			
Dry Sterilization	60°C to 140°C		N/A	
CO2 range	0%~20.0%			
CO2 accuracy	±0.1%			
Humidity	95%±3% by natural evaporation			
Weight	63kg			
Power	AC100V / 120V / 220V / 230V			

Tri Gas Incubator / 80L

	SMA 80DS	SMA 80DRS	SMA 80D	SMA 80DR
CO2 Sensor	T/C	Infra-Red	T/C	Infra-Red
O2 Sensor	Galvanic battery sensor			
Ex Dimensions(W x D x H)	533 x 506 x 760 (mm) / 20.0 x 19.9 x 29.9 (Inches)			
Int. Dimensions(W x D x H)	418 x 377 x 510 (mm) / 16.4 x 14.8 x 20.0 (Inches)			
Shelves	4 shelves (Standard) / Max 13 shelves			
Shelf material	Stainless Steel			
Access port	Available on request			
Temp. Range	5°C above ambient to 50°C			
Temp. Uniformity	±0.3°C			
Dry Sterilization	60°C to 140°C		60°C to 140°C	
CO2 range	0%~20.0%			
CO2 accuracy	±0.1%			
O2 range	2.0%~80.0%			
O2 accuracy	±0.5%			
Humidity	95%±3% by natural evaporation			
Weight	63kg			
Power	AC100V / 120V / 220V / 230V			

CO2 Incubator / 30L • Tri Gas Incubator / 30L

	SCA-30D	SCA-30DR	SMA-30D	SMA-30DR
Exterior Dimension(W x D x H)	415 x 410 x 510(mm)			
Inner Chamber Dimension(W x D x H)	310 x 295 x 330(mm)			
Capacity	30Liters / 1.06 ft3			
Inner Chamber	SUS304			
Inner Door	Tempered Glass / 5mm			
Shelf Size	252 x 252 x 8(mm)			
Number of shelves	2 Shelves Standard, 4 Shelves Max			
Temperature Control	PID Control			
Temperature Range	Ambient +5°C ~ 50.0°C			
Temp Control Accuracy	±0.1°C			
Temp Uniformity	±0.3			
CO2 Sensor type	T/C	IR	T/C	IR
CO2 Control Range	0% ~ 20.0%			
CO2 Control Accuracy	±0.1%			
O2 Sensor	—		Galvanic Battery, ON-OFF Control	
O2 Control Range	—		1.0% ~ 89.0% ※1	
O2 Control Accuracy	—		±0.5%	
Humidity	95% ±4RH			
Humidity System	Natural Evaporation			
Airflow in chamber	Convection with a fan			
Safety functions (Software Control)	Safety Cut-off at 38°C			
Alarm Control	Temperature, CO2 O2			
Options	Air Dust Filter, Shelf Doors			
Weight	30kg / 66lb			
Power	AC100V / 120V / 220V / 230V			

The specification may change without prior notice. The above specifications are based on the following configuration. Temperature:37°C
 CO2 : 5.0% O2 : 5.0% ※1 O2 concentration from 18.0%~22% may not be uncontrollable due to various conditions.



SCA/SMA Series



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