

SPECIFICATIONS

CO2 Incubator / 165L

	SCA-165DRS	SCA-165D
CO2 Sensor	Infra-Red	T/C
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 / 110-120V / 220-240V	

CO2 Incubator / 80L

	SCA-80DRS	SCA-80D
CO2 Sensor	Infra-Red	T/C
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	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	63kg	
Power	AC100V / 110-120V / 220-240V	

CO2 Incubator / 30L

	SCA-30DRS	SCA-30D
CO2 Sensor	Infrared	T/C
Ex Dimensions(W x D x H)	415 x 486 x 546(mm) 16.3 x 19.1 x 21.5(Inches)	415 x 410 x 515(mm) 16.3 x 16.1 x 20.1(Inches)
Int. Dimensions(W x D x H)	310 x 295 x 330(mm) / 12.2 x 11.6 x 13.0(Inches)	
Shelves	2 Shelves(Standard) / Max 3 Shelves	
Shelve Material	Stainless Steel	
Access port	Standard / Right Lateral	
Temp. Range	5.0°C above ambient to 50.0°C	
Temp. Uniformity	±0.3°C	
Dry Sterilization	60°C to 140°C	N/A
CO2 Control Range	0.0% ~ 20.0%	
CO2 accuracy	95%±4% by natural evaporation	
Humidity	95%±3% by natural evaporation	
Weights	36kg	30kg
Power	AC100V / 110-120V / 220-240V	

Tri Gas Incubator / 165L

	SMA-165DRS	
CO2 Sensor	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	
CO2 range	0%~20.0%	
CO2 accuracy	±0.1%	
O2 range	2.0%~80.0%*1	
O2 accuracy	±0.5%	
Humidity	95%±3% by natural evaporation	
Weight	85kg	
Power	AC100V / 110-120V / 220-240V	

Tri Gas Incubator / 80L

	SMA-80DRS	
CO2 Sensor	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	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	
CO2 range	0%~20.0%	
CO2 accuracy	±0.1%	
O2 range	2.0%~80.0%*1	
O2 accuracy	±0.5%	
Humidity	95%±3% by natural evaporation	
Weight	63kg	
Power	AC100V / 110-120V / 220-240V	

Tri Gas Incubator / 30L

	SMA-30DRS	SMA-30D	SMA-30DR
CO2 Sensor	Infrared	T/C	Infrared
O2 Sensor	Galvanic battery sensor		
Ex Dimensions(W x D x H)	415 x 486 x 546 (mm) 16.3 x 19.1 x 21.5 (Inches)	415 x 410 x 515(mm) 16.3 x 16.1 x 20.1(Inches)	
Interior Dimension(W x D x H)	310 x 295 x 330(mm) / 12.2 x 11.6 x 13.0(Inches)		
Shelves	2 Shelves(Standard) / Max 3 Shelves		
Shelve Material	Stainless Steel		
Access port	Standard /Right Lateral		
Temp. Range	5.0°C above ambient to 50.0°C		
Temp. Uniformity	±0.3°C		
Dry Sterilization	60°C to 140°C	N/A	
CO2 Control Range	0.0% ~ 20.0%		
CO2 accuracy	±0.1%		
O2 range	1.0% ~ 89.0% *1		
O2 accuracy	±0.5%		
Humidity	95%±4% by natural evaporation		
Weights	36kg	30kg	
Power	AC100V / 110-120V / 220-240V		



Direct Heat Incubator
SCA/SMA Series

The above specifications are based on the following configuration. Temperature: 37°C, CO2: 5.0%, O2: 5.0%
*1 O2 concentration range 18%-23% may not be uncontrollable due to various conditions.
The specification may change without prior notice.



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