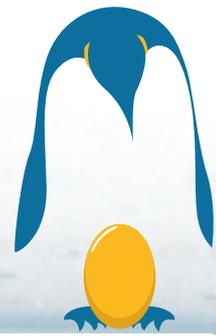


Penguin
Incubator

Penguin



Air Jacket CO₂/Tri-Gas Incubator



Control



CO₂ Incubator



Tri-Gas Incubator

- Personal Incubation**
Secure, promised environment for specimen.
- Precise Temperature Control**
Exceptionally stable and accurate temperature control.
- Automatic Maintenance**
Automatic ZERO calibration of CO₂ concentration.
- Dependable**
Protected by various alarms for any deviation of the environment in chamber.
- User Friendly**
All the interiors can be removed without using any tools.
Every rounded corner helps thorough and easier cleaning.



Options



Gas Analyzer AGA-2008

Gas concentration analyzer, measures both CO₂ and O₂ concentration in one single sampling. Battery rechargeable. CE Marked

Size (mm) : W150 x D280 x H187
Wgt : 4.5kg / 9.9 lb
AC100V~230V / 1A



Shelf Doors AP-100A

Independent inner door kit.

AP-100A (for SCA / SMA-30)
285mm x 95mm / 2 doors/kit



Air Dust Filter Kit IF-30A

Optional, in-chamber Air Dust filter

Pore size: 0.3µm
Replacement Filter: IF-15



Base Stand AP30STD

Solid base stand with casters.

AP30STD (for SCA / SMA-30)
Size (mm) : a) 560 x b) 440 x c) 900 x d) 345 x e) 530



Regulator IM-055

Double-phased gas pressure regulator.

1st stage scale: 0~25Mpa
2nd stage scale: 0~0.3Mpa



Door Counter OCC-30D

Counts the frequency of door openings. Analog output and alarm standard.

Size (mm) : W30 x D65 x H35



Gas Guard System GS-701

Used with 2 gas supply cylinders. Switches from one cylinder to another automatically when the first cylinder gets empty.

Size (mm) : W210 x D390 x H94
Wgt : 4.5kg / 9.9 lb



Some species of Penguins breed and give birth to their chicks in the harshest winter of the Antarctic so their offspring become independent in the most favorable season. We wish our "Penguin Incubator" to represent such a valiant manner of the bird's life. As global warming rapidly becoming a universal concern, ASTEC has been standing behind the preservation of the environment, contributing to protect wild life. We wish that "Penguin" symbolizes our corporate identity and mission that we continuously step forward with.



Specification

Model	SCA-30D	SCA-30DR	SMA-30D	SMA-30DR
Exterior Dimension (mm/inch)		W415 x D410 x H510 / 16.3 x 16.1 x 20.1		
Inner Chamber Dimension (mm/inch)		W310 x D295 x H 330 / 12.2 x 11.6 x 13.0		
Capacity		30 Liters / 1.06 ft3		
Inner Chamber		SUS304		
Inner Door		Tempered Glass / 5mm		
Shelf Size (mm/inch)		W252 x D252 x H8 / 9.9 x 9.9 x 0.3		
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		
CO ₂ Sensor type	T/C	IR	T/C	IR
CO ₂ Control Range		0 % ~ 20.0%		
CO ₂ Control Accuracy		±0.1%		
O ₂ Sensor	—		Galvanic Battery, ON-Off Control	
O ₂ Control Range	—		1.0 % ~ 89.0 % ※1	
O ₂ 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 Contact		Temperature, CO ₂ , O ₂		
Options		Air Dust Filter, Shelf Doors		
Weight		30Kg / 66lb		
Power		AC100V-230V 50Hz/60Hz		

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 concentraion from 18.0%~22% may not be uncontrollable due to various conditions.



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