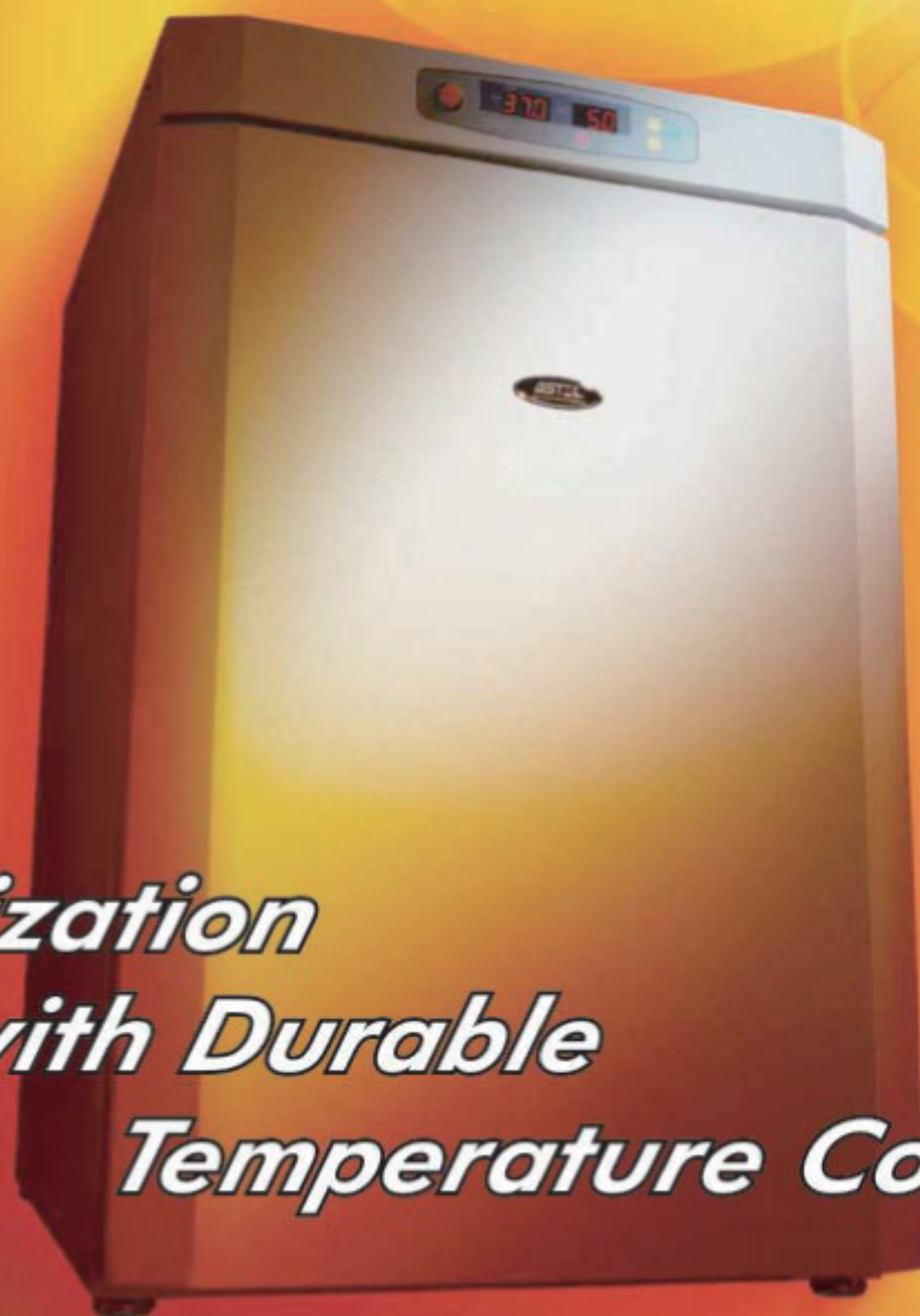


# Air-Jacketed CO<sub>2</sub> Incubator

SCA Series



*Sterilization  
with Durable  
Temperature Control*

**Air jacket provides excellent  
temperature stability**

Dry-heat sterilization guards against contamination

Dual software and thermostat over-temp protection

Automatic two-point CO<sub>2</sub> calibration (with optional IR CO<sub>2</sub> sensor)

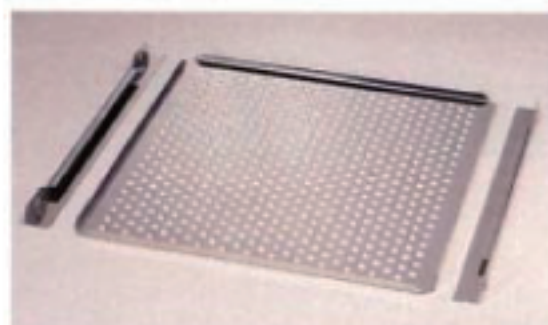
Programmable sterilization time and temperature





### Regulator

Two-phase pressure regulator. Secondary pressure gauge has a 0.2 Mpa maximum, making lower pressure adjustments easy.  
Primary pressure regulator: 0-25 MPa  
Secondary pressure regulator: 0-0.2 Mpa



### Shelves and Shelf holders

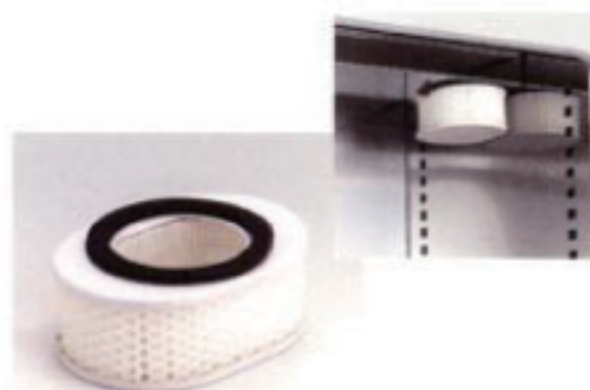
Meshed Stainless sheets. Six shelves are standard, with up to 21 shelves maximally.



### Incubator Pedestals

the IM-022 pedestal rolls on casters; the IM-022 is stationary, with level-adjusting screws.

## Options & Accessories



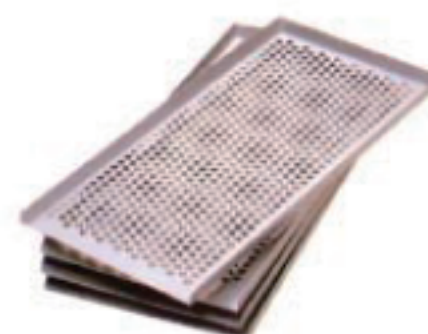
### Hepa filter

Filter Installation kit IF-160  
Hepa filter only IF-15



### Gas Guard System

Gas Guard System automatically switches to a backup Co2 tank when primary tank runs out of gas.



### Half-sized Aluminum trays

Two half-sized trays can fit into each level. Lightweight and easy to handle, they make handling cultures easier and faster.

## Specifications

Model	SCA-165DS	SCA-165DRS	SCA-165D	SCA-165DR
Outer Dimensions	W 625 x D 635 x H 916 (mm)			
Inner Chamber Dimensions	W 510 x D 500 x H 640 (mm)			
Shelves	W 438 x D 474 x H 11 (mm)			
Temp. Control	PID Control			
Temp. Control Range	Ambient +5°C to 50°C			
Temp Accuracy	±0.1°C (Sterilizing: ±3.0°C)		±0.1°C	
Temp. Uniformity	±0.3°C (Sterilizing: ±3.0°C)		±0.3°C	
Sterilizing Temp Range	60°C ~ 140°C			
Sterilizing Time Range	30 minutes ~ 10 Hours			
CO2 Sensor	Thermistor	IR Sensor	Thermistor	IR Sensor
CO2 Control Range	0% ~ 20%			
CO2 Stability		±0.1%		
Humidity	95% ±5%RH			
Safety Cut	Over Temperature Stop (Software / Thermostat)			
Weight	85Kg		80Kg	
Power	AC 100V 9A 50Hz / 60Hz (AC115 / 120 / 220 / 230 / 240 Available with Internal Transformer)			
Options	Auto Calibration / Hepa Filter /Analog Output			

