



SCO5A-2

SCO5A5-2, Air Jacketed CO2 Incubator

The air jacketed series of CO2 Incubators offer dependable Infrared (IR) CO2 Sensor control and are ideal for sensitive tissue and cell culture applications. They provide the benefits of contamination control and uncompromising temperature uniformity for even the most demanding incubations.

Precision is easily maintained with push-button calibration of both temperature and CO2, and audio/visual alarms that signal high/low temperature and CO2 conditions. Modular controls and backup systems ensure confidence for incubating valuable samples, providing the dependable assurance you expect from a MRC incubator.

Contamination Control:

Extensive use of copper in the CO2 sample port, heated CO2 feed line, housing of the patented HEPA filtration system, and humidity pan with a copper SL decontamination token, adds reassurance that foreign microbes will not affect test results. Cleanup is a breeze with the all stainless steel chamber, and autoclavable door gasket. Optional copper shelves are available for even more contamination control.

Patented Copper Coated HEPA Filter:

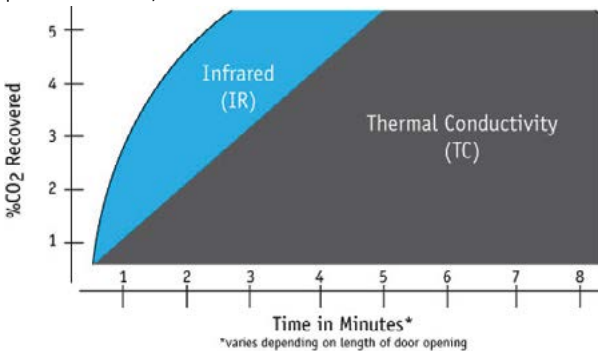
A "Bacteriostatic" copper cage to trap particulate matter and reduce potential for chamber contamination.

This filter removes 99.97% of all airborne microbes & isolated microbes 0.3 microns or larger.



Infrared (IR) CO2 Sensors:

For the fastest CO2 recovery and most stable performance, this series features IR sensors.



unique design keeps shelf from tipping



copper shelving option

Precise Temperature Control – Superior Uniformity:

- Independent Over Temperature Thermostat
- Over Temperature & CO2 Alarm
- Inner Glass Viewing Door
- Temperature Uniformity ±0.25°C at 37°C
- Temperature Range Ambient +8°C to 60°C
- CO2 Range 0 - 20%
- Infrared (IR) CO2 Sensor Accuracy ±0.1%
- CO2 Recovery Rate < 5 Minutes
- Relative Humidity Up to 95%
- Data Logging Capabilities.



Model	SCO5A-2	SCO10A-2
Exterior Dimensions (W x H x D) (cm)	69.3 x 71.2 x 95.9	69.3 x 71.2 x 191.8
Chamber Dimensions (W x H x D) (cm)	52.0 x 50.1 x 54.6	52.0 x 50.1 x 54.6 each
Incubator Chamber Capacity (L)	142	284
Number of Shelves (Included)	3	3 each
Voltage	220-230V	

*Specifications are based on nominal values at an ambient temperature of 25°C and a line voltage of 240V respectively. The temperature ta is determined in accordance with DIN 12880.