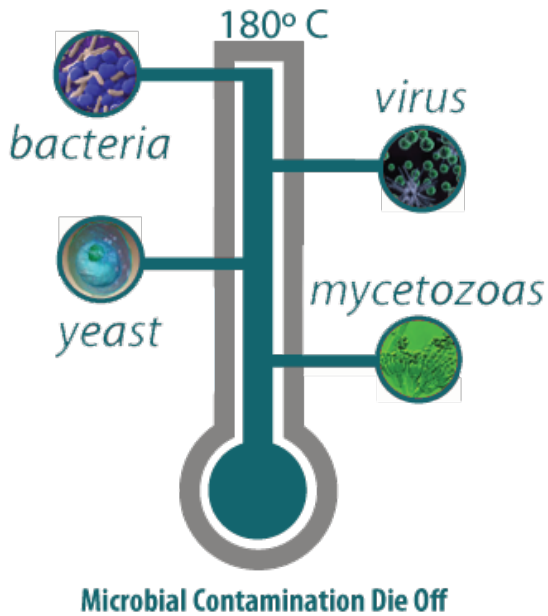# CO$_2$ Incubators
High Heat Decontamination SCO6AD

SHEL⬤LAB ®

The SHEL LAB SCO6AD is designed to stop microbial contamination caused by mycetozoa, yeast, viruses, and bacteria and the range of other microorganisms that thrive in incubator environments.

Microbial Contamination Die Off

PROTECT YOUR SAMPLES WITH HIGH HEAT DECONTAMINATION!

The model SCO6AD features a dry heat decontamination cycle, that maintains 180°C for 120 minutes. This industry best time and temperature relationship satisfies all global standards for decontamination.

This is decontamination at its fastest easiest and most effective - it is not necessary to remove the IR CO$_2$ sensor prior to activating the decontamination process and we feature the shortest cycle time on the market. This is a more convenient approach and eliminates potential damage to the sensitive IR sensor.

Other features of the SCO6AD include a USB interface for software communication, precise temperature control microprocessor and an independent over temperature safety controller.
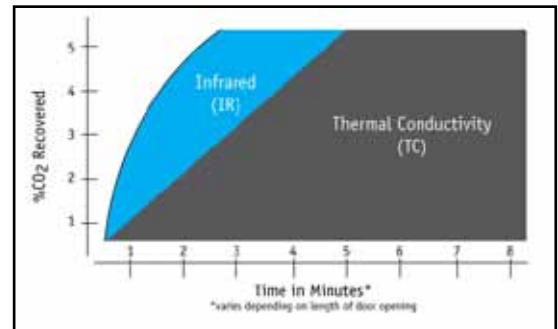
CONTAMINATION CONTROL

Extensive use of copper in the CO2 sample port, heated CO2 feed line 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.
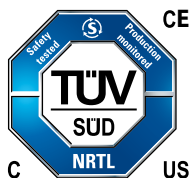
Infrared (IR) CO2 Sensors
For the fastest CO$_2$ recovery and most stable performance, the SCO6AD features IR sensors.

We stand behind our product quality, ShelLab CO_2 Incubators come with the most extensive warranties in the industry.
- 5 years parts (labor included in the US)
- 7 years IR sensor

Incubators, Infrared (IR) CO_2 Sensor		Model Number	
	110-120V	SCO6AD	
	220-230V	SCO6AD-2	
		High Heat Decontamination	
Exterior Dimensions (wxdxh)	Inches	28.8 x 30.3 x 39.3	
	cm	73.1 x 76.8 x 99.7	
Chamber Dimensions (wxdxh)	Inches	20.2 x 20.0 x 25.5	
	cm	51.4 x 50.8 x 64.7	
Incubator Chamber Capacity	cu ft	5.9	
	L	169	
CO_2 Range	%	0-20%	
CO_2 Sensor Accuracy	at 5%	+/-0.1%	
CO_2 Recovery Rate	to 5%	<5 Minutes to 95% of Setpoint	
Relative Humidity	at 37°C	Up to 95%	
Temperature Range	Celsius	Ambient +5°C to 50°C	
Temperature Uniformity	Celsius	+/- 0.25°C at 37°C	
Over Temperature Protection	Yes/No	Yes	
Temperature Alarm	Yes/No	Yes	
CO_2 Alarm	Yes/No	Yes	
Number of Shelves	Included	3	

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology. We reserve the right to change specifications at any time.

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copper shelving option

more information copper shelving

Copper Shelf Options	Part Number
Copper Shelf Slides	5820505
Copper Shelf	5820504
Copper Shelf Kit (3 Shelves, 6 Slides)	9750582