

# CO<sub>2</sub> Incubators

Large Capacity Air Jacketed



The SHEL LAB large capacity reach-in CO<sub>2</sub> incubators are well suited for roller bottle apparatus and high-volume tissue culture applications and are ideal for cell harvesting. They are available in 31 cu.ft. (879 l), 40 cu.ft. (1125 l) and 58 cu.ft. (1641 l) capacities.

These incubators maximize laboratory space in a convenient floor model design. Their chamber floor is specifically designed for easy movement of roller bottle apparatus by use of a flip-out ramp. A gentle mechanical air convection ensures excellent temperature uniformity and eliminates cold spots. These SHEL LAB incubators are supplied with four one amp interior electrical outlets and six stainless steel shelves.

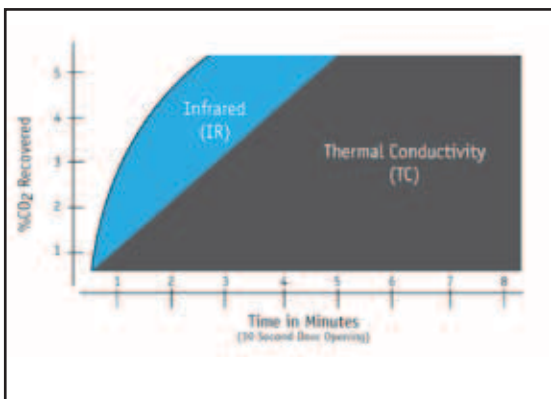
*Factory installed reversible doors are available for these units.*

## CO<sub>2</sub> Incubator Applications

- Cell and Tissue Culture
- Immunology
- Genetic Engineering
- Protein Synthesis
- Virology
- Neurology
- Pharmacology
- In vitro Fertilization
- Human Vaccines
- Veterinary Vaccines
- Carcinogenicity Testing
- Monoclonal Antibodies

### Infrared (IR) CO<sub>2</sub> Sensors

For the fastest CO<sub>2</sub> recovery and most stable performance, this series features IR sensors.



## Precise Temperature Control - Superior Uniformity

**2 Year Limited Warranty!**

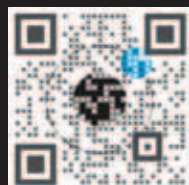
- Independent Over Temperature Thermostat
- Temperature Uniformity +/- 0.5°C at 37°C
- Temperature Range Ambient + 8°C to 60°C
- CO<sub>2</sub> Range 0 - 20%
- Infrared (IR) CO<sub>2</sub> Sensor Accuracy +/- 0.1%
- CO<sub>2</sub> Recovery Rate < 5 Minutes
- Over Temperature & CO<sub>2</sub> Alarm



Air Jacket CO <sub>2</sub> Incubators	Model Number			
	110-120V 220-230V	SC031 SC031-2	SC040 SC040-2	SC058 SC058-2
Exterior Dimensions (wxdxh)	Inches	39.5 x 33.8 x 75.3	42.5 x 34.5 x 90.0	51.0 x 44.8 x 81.5
	cm	100.4 x 85.8 x 191.2	108.0 x 87.7 x 228.6	129.6 x 113.7 x 207.0
Chamber Dimensions (wxdxh)	Inches	32.7 x 26.0 x 63.0	35.0 x 26.0 x 75.5	43.0 x 34.5 x 67.5
	cm	83.1 x 66.0 x 160.0	88.9 x 66.0 x 191.7	109.2 x 87.6 x 171.4
Incubator Chamber Capacity	cu ft	31	40	58
	L	879	1125	1641
Number of Shelves	Included	6	6	6
Interior Outlet	Included	4	4	4

\*Tank is excluded from the 2 year warranty. 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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