

# CO<sub>2</sub> Incubators

Large Capacity Air Jacketed



These units are well suited for roller bottle apparatus and high-volume tissue culture applications and are ideal for cell harvesting.

This large capacity incubator maximizes laboratory space in a convenient floor model design. Its chamber floor is specifically designed for easy movement of roller bottle apparatus by use of a flip-out ramp. Supplied with four one amp interior electrical outlets and gentle mechanical air convection that ensures excellent temperature uniformity, and eliminates cold spots. An infrared system accurately controls CO<sub>2</sub> levels, provides fast CO<sub>2</sub> recovery after door openings, and is not affected by temperature or humidity. This unit is supplied with six stainless steel shelves, which are adjustable on 1/2 inch increments.

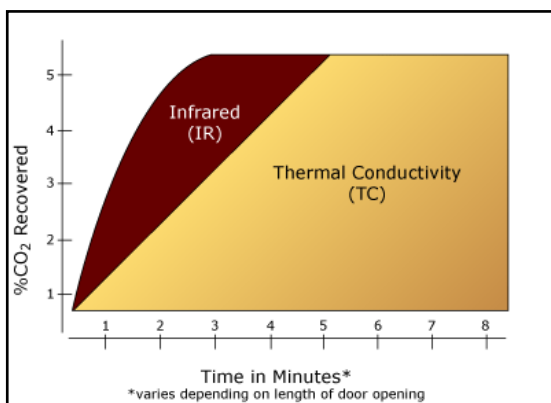
SHEL LAB reach-in CO<sub>2</sub> incubators are available in 31 cu.ft., 40 cu.ft., and 58 cu.ft. sizes. Factory installed reversible doors are available for these units.

## 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.

0740500 1/14



[www.shellab.com](http://www.shellab.com)  
1-800-322-4897