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## BEING CO<sub>2</sub> Incubators

Ideal for clinical, research, and general laboratory cell culture applications. The BEING BIO series of CO<sub>2</sub> Incubators has four sizes to choose from to guarantee that your precious cells are in an environment maximally suited to optimize their growth potential.

### Technical Advantage Performance and Features

- P.I.D controller ensures accurate and reliable set temperature control and temperature recovery upon door opening and closing.
- Infrared sensor monitors CO<sub>2</sub> levels independent of temperature and humidity and provides for fast recovery to set values upon door opening and closing.
- Chamber design allows for six-sided heating ensuring exceptional temperature uniformity.
- Easy to install and dismantle shelf system that also prevents slippage.
- Inner glass door with its condensation free feature allows for easy viewing of inside samples.
- Auto calibration allows incubator to adapt to a variety of laboratory environments.
- HEPA filtration along with 90°C moist heat disinfection system helps guarantee a contaminant free growing environment for cells.
- All gas injection lines are purified via an inline filter before entering chamber.

### Convenience

- Inner chamber is made from corrosion resistant mirror stainless steel.
- Large LCD touch screen display makes for easy input of data.
- Graphic display of real time parameters of temperature, CO<sub>2</sub> concentration, humidity, and door opening and closing.
- Coved chamber corners make cleaning easy.
- Test hole provides access for convenient measurement and calibration of gas concentration and temperature.
- Stackable design eliminates the need to purchase a separate stacking accessory.
- Anti-skid design of the shelf ensures safety of your experiment.

### Safety & Peace of Mind

- Various alarm systems both audible and visual communicate protection levels for power, temperature, CO<sub>2</sub> concentration, humidity level, faulty door closing, and other malfunction information.
- 3-year parts and labor warranty.



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Model	BIO-80RHP (157-1052)	BIO-150RHP (157-1054)	BIO-190RHP (157-1056)	BIO-240RHP (157-1058)
Chamber Volume	2.8 cu. ft., 80 L	5.5 cu. ft., 155 L	6.7 cu. ft., 190 L	8.2 cu. ft., 233 L
Temperature Range	Ambient +5° to 50°C			
Temperature Resolution	0.1			
Temperature Fluctuation	0.1°C			
Temperature Gradient	≤ ±0.5°C			
Temperature Uniformity at 37°C	±0.3°C			
Recovery to 37°C After 30 Sec. Door Opening	< 8-min			
CO <sub>2</sub> Range	(0 to 20)% V/V			
CO <sub>2</sub> Control Resolution	0.10%			
CO <sub>2</sub> Deviation	≤ ± 0.3% V/V			
Recovery CO <sub>2</sub> at 5% Concentration	< 5-min			
Humidity Method	Natural Vaporization > 95%			
HEPA	Level 100 (In 5-min)			
Number of Shelves	2	2	3	3
Interior Dimension (W x H x D)	400 x 450 x 500 mm	480 x 530 x 610 mm	530 x 530 x 690 mm	600 x 630 x 670 mm
Exterior Dimension (W x H x D)	588 x 637 x 890 mm	670 x 770 x 880 mm	718 x 717 x 970 mm	788 x 817 x 950 mm
Electrical Requirement	AC 120 V, 60 Hz			
Power Consumption	500 Watts	700 Watts	900 Watts	1000 Watts

