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BEING CO₂ Incubators

Ideal for clinical, research, and general laboratory cell culture applications. The BEING BIO series of CO₂ 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 CO₂ 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, CO₂ 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, CO₂ concentration, humidity level, faulty door closing, and other malfunction information.
- 3-year parts and labor warranty.



BEING CO₂ Incubators

| 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 ₂ Range | (0 to 20)% V/V | | | |
| CO ₂ Control Resolution | 0.10% | | | |
| CO ₂ Deviation | ≤ ± 0.3% V/V | | | |
| Recovery CO ₂ 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 |

