



**Thermo Scientific**  
Refrigerated Incubators  
Models RI-150, RI-250



# Thermo Scientific Refrigerated Incubators

## Your samples, safe inside

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From incubation and sample storage in life sciences to BOD (biochemical oxygen demand) testing in water treatment plants, the need for temperature precision is critical. The Thermo Scientific™ Refrigerated Incubators, designed to fit your budget, are quality products with features that provide precision and produce consistent results – bringing basics to a new level.

When refrigerated incubators are essential to your application, consider **Thermo Scientific Refrigerated Incubators Models RI-150, RI-250.**

With a temperature range of 4-60 °C, our refrigerated incubators are equipped to reach the precise application temperatures you need for reproducible results. Our Model RI-150 and RI-250 Refrigerated Incubators are available in a table top version or a spacious floor standing version.

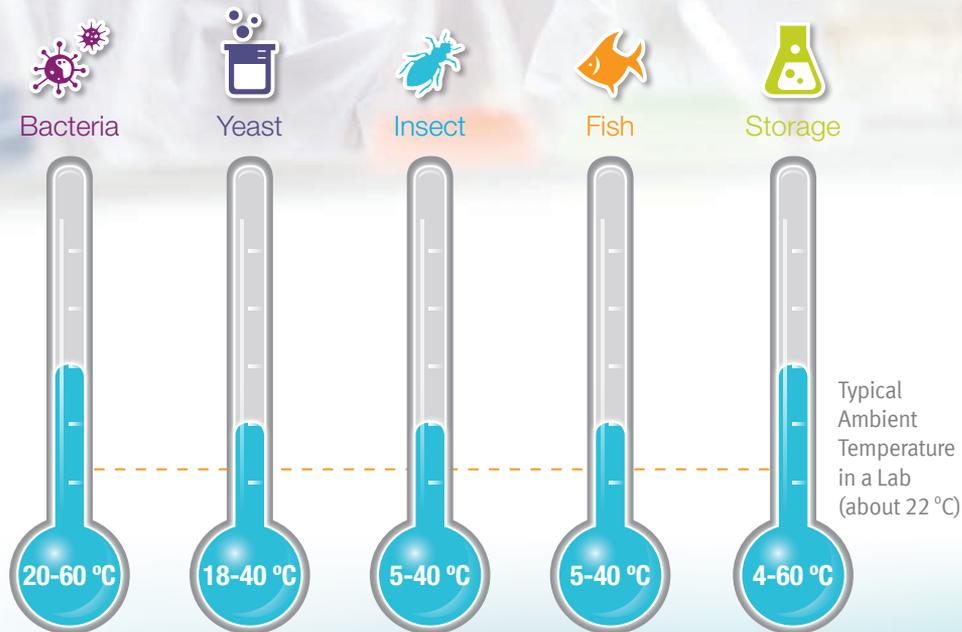


Model RI-150,  
table top version



Model RI-250,  
floor standing version

### Application Examples



Thermo Scientific Refrigerated Incubators provide optimal temperature environments for applications that require stable temperatures above or below ambient, including incubation of bacteria, yeast, insects or fish, and temperature storage. They are also optimal for standard 30 to 37 °C incubation applications in warm environments.

# Thermo Scientific Refrigerated Incubators

Thermo Scientific Refrigerated Incubators offer an array of features and add-on accessories designed to provide users with ease-of-use and protection for valuable samples.

## Features & Benefits



RS232 data interface for temperature monitoring (no software included)

Broad 5 to 60 °C temperature range for applications that require high or low temperature levels

Adjustable over and under temperature alarm alerts operator of unexpected temperature deviations

Single-setpoint microprocessor control for precise temperature setting



Simple calibration routine for accurate temperature display

Automatic defrost for uninterrupted longterm applications below ambient

IQ/OQ documentation and services available

Access port (Ø 50 mm) for inserting monitoring probes or cables for use of electrical devices – easy access on right side of unit

Technically mature, reliable compressor technology

Timer function for automatic start or shut down of unit (0 to 99:59 hours:minutes)



Large unit with lockable casters for easy set-up and re-location

Overtemperature cut-out and fan motor overheating protection for additional safety

Glass window in door for undisturbed inspection of samples

Silent long shaft fan and unique airflow ensure great temperature distribution



Shelving system provides sample flexibility with 34-66 shelf positions





## Product Specification & Ordering Information

| Model                             | RI-150<br>(Table Top)                               | RI-250<br>(Floor Standing)                          |
|-----------------------------------|---|---|
| Order Number                      | RI-150CN  | RI-250CN  |
| Chamber Volume                    | 150 L / 5.3 cu ft                                   | 250 L / 8.8 cu ft                                   |
| Temperature Range                 | +4 to 60 °C   |   |
| Temperature Deviation Over Time*  | at 20 °C ≤ ±0.3<br>at 37 °C ≤ ±0.3                  |   |
| Spatial Temperature Deviation*    | at 20 °C: ≤ ±0.8<br>at 37 °C: ≤ ±0.7                | at 20 °C: ≤ ±0.8<br>at 37 °C: ≤ ±1.0                |
| Internal Dimensions (W x D x H)   | 550 x 450 x 615 mm /<br>21.6 x 17.7 x 24.2 in.      | 550 x 450 x 1015 mm /<br>21.6 x 17.7 x 40.0 in.     |
| External Dimensions (W x D x H)** | 652 x 605 x 1050** mm /<br>25.7 x 23.8 x 41.3** in. | 652 x 605 x 1450** mm /<br>25.7 x 23.8 x 57.1** in. |
| Footprint                         | 0.39 m <sup>2</sup> / 4.2 ft <sup>2</sup>           |   |
| Shelves Supplied / Max            | 2 / 4   | 3 / 5   |
| Shelf Size (W x D)                | 545 x 445 mm / 21.46 x 17.52 in.                    |   |
| Loading Capacity Per Shelf        | 15 kg / 33 lbs                                      |   |
| Weight Of Unit                    | 95 kg / 209 lbs                                     | 115 kg / 254 lbs                                    |
| Shipping Weight                   | 115 kg / 254 lbs                                    | 135 kg / 298 lbs                                    |
| Electrical                        | 230 V / 50 Hz, China Plug                           |   |
| Rated Power / Max. Current        | 900 W / 3.9 A                                       |   |

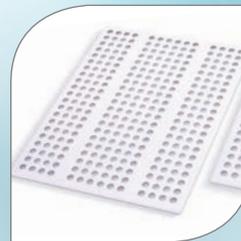
\* Based on measurement according to DIN12880, at ambient temperature of 22 °C ±3 °C

\*\* Height includes the height of feet / casters

## Accessories

| Shelving        |  |
|-----------------|--|
| Order Number    | RI Shelf   |
| Description     | Perforated stainless steel shelf (white, powder coated) with 4 shelf holders |
| Dimensions      | 545 x 445 mm / 21.46 x 17.52 in.   |
| Shipping Weight | 2 kg / 4 lbs   |
| For Use With    | RI-150CN, RI-250CN   |

White stainless steel perforated shelf



Shelf holders included

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