

myTemp™ 65HC Heating and Cooling Incubators Model H2265-HC & H2265-HC-E Instruction Manual

CAUTION: NEVER operate this instrument immediately following any time period where it has been turned on its side (or upside-down). If placed on its side (or upside-down), always allow the instrument to sit idle for 4 hours in the proper upright orientation before power up

Benchmark's myTemp 65HC Incubator is a micro-processor controlled instrument utilizing forced air convection to provide accurate and uniform temperature control. With a 65HC, stainless steel incubation chamber and removable shelves, the MyTemp incubators are useful for a wide variety of laboratory applications requiring temperatures between 0° and 60°C.

I. Product Specifications:

Capacity: 65L

Temperature Range: 0° to 60°C (In a room temperature of 23°C)

Temperature Accuracy: +/-0.5°C (at 37°C) **Temperature Uniformity:** +/-1°C (at 37°C)

Dimensions (Internal): (WxDxH) 40 x 32.4 x 50.2 cm (15.75 x 12.75 x 19.75")

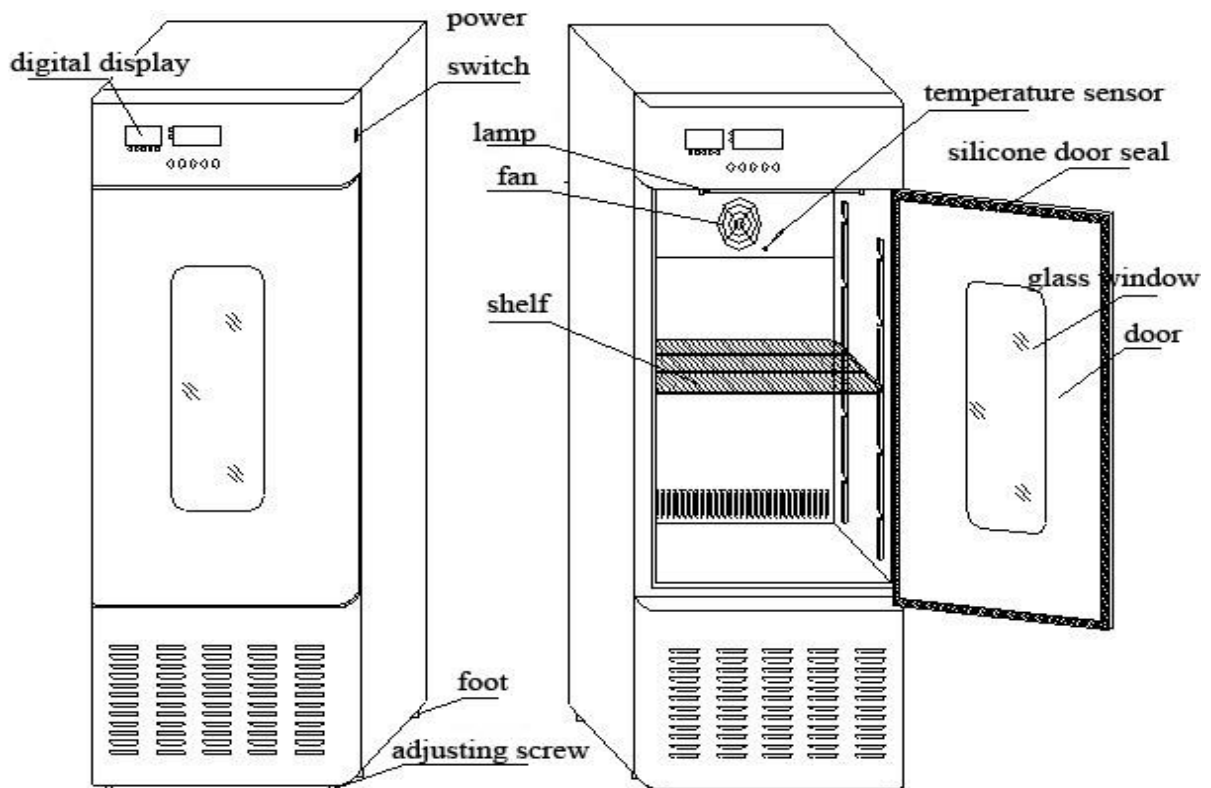
Dimensions (External): (WxDxH) 54 x 53.34 x 99.85 cm (21.25 x 21 x 39.35")

Refrigerant: R134A **Chamber:** Stainless Steel

Weight: 53kg / 117lbs

Warranty: 2 years **Electrical:** 120V or 230VAC, 50/60Hz 385W

II. Structure:



Product Set-Up:

The incubator can be installed on the floor or on a bench-top. Before installing, always ensure that the surface is clean, level and capable of withstanding 55 kg. Once in place, plug the electrical cord into a properly grounded outlet of the correct voltage. Once plugged in, press the power button on the right side of the instrument.

III. Product Operation:

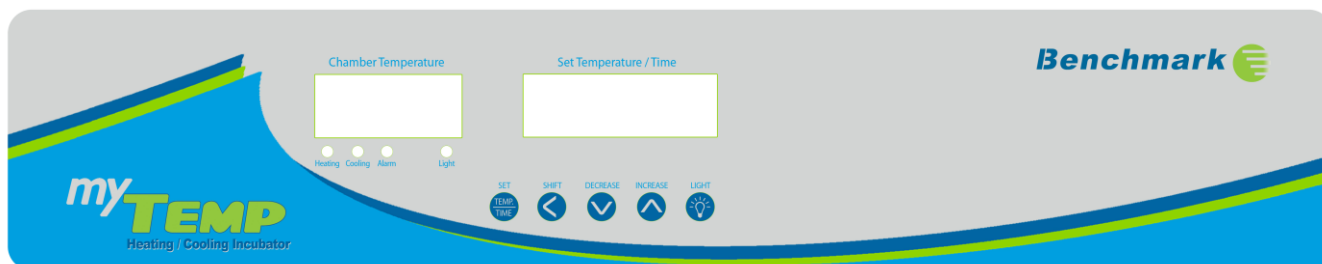
To select the desired temperature, press the “SET” key. The temperature can now be set using the Up, Down and Shift keys. Once the desired temperature value has been set, press the “SET” key again to select the time value. (When set to “0000” the time function is disabled and the incubator will run continuously.) Once the desired time value has been programmed, press the “SET” key again to store the values and begin the incubation.

When the time has been set to continuous, the display shows both the current chamber temperature and the set chamber temperature.

When a time other than continuous has been programmed, then both the chamber temperature and set temperature are shown on the display until the set temperature has been reached. At that time, the set temperature display then switches to the remaining run time. (To display the set temperature, press the “SET” key at any time.)

Once the time has expired, an audible alarm alerts the user and the right display reads “End”. To start a new cycle, press and hold the “DECREASE” key for three seconds.

NOTE: The incubator is programmed to continue holding the set temperature even after the set time has expired. This can be adjusted to end the heating/cooling cycle once the set time has expired by entering the advanced settings mode. For more information, please contact Benchmark Scientific: info@benchmarkscientific.com.



WARNING: When loading samples, always avoid placing samples directly in front of fan vents. This will minimize airflow and diminish temperature performance.

The incubator is equipped with an internal light to assist in viewing. To activate the internal light, press the “Light” button. To turn off the internal light, press the “Light” button again.

An internal outlet is also included and provides the same electrical voltage as the outlet that the incubator has been plugged into. In the event of condensation, always wipe the outlet down with a dry towel prior to plugging in an electrical plug.

V. Care and Maintenance:

No routine maintenance is required other than to keep the instrument clean. When cleaning, use a damp cloth to wipe down the internal or external parts of the incubator. Avoid the use of solvents as they may attack the product housing. In addition, always ensure that the fan vents are clear of dirt or any other obstructions.