



PRODUCT BROCHURE · BENCHMARK SCIENTIFIC

H2300 HC2 (MyTemp Mini CO2) Brochure

2 models inside · Thermal Processing · Incubators & Ovens



QUICK VIEW — SERIES AT A GLANCE

2 models in this document from Benchmark Scientific. Full specifications inside.

MODELS IN THIS DOCUMENT

H2300-HC2-E · H2300-HC2

SHIP WEIGHT

20 lb

VOLTAGE

100–240 V, 50–60 Hz (universal-voltage single SKU)

SOURCING

Authorized U.S. distributor

Distributed by Legacy Lab Supplies

legacylabsupplies.com · (855) 746-7557 / 855-SHOP-LLS · quotes in 24 hours



myTEMP™ Mini CO₂



- + Digital control of temperature and CO₂
- + Compact, fits in most biological safety cabinets
- + 20L capacity, accepts bottles & flasks up to 2L
- + Heats & cools (room temp. -10 to 55°C)
- + Dual beam infrared CO₂ sensor



At only 13 inches wide, the myTemp Mini CO₂ is the smallest and most economical incubator for applications requiring CO₂ gas control. Its small footprint makes the incubator ideal for use inside of biological safety cabinets, isolating sensitive cultures or for any laboratory simply trying to conserve bench space. With a thick layer of high efficiency insulation surrounding the chamber, the incubator is also ideal for transportation of cells. Once power has been disconnected, the incubator maintains temperature levels within 10% of the set parameter for up to 1 hour*. In addition each model includes a 12V vehicle power adapter for operating the instrument in a car, boat, etc.

Both temperature and CO₂ percentage are digitally adjustable and displayed in real time on the large LED control panel. This panel also features a "Cal" function, for easy in-lab calibration of the temperature or CO₂. In addition, humidity (up to 80%) can be added to the chamber by inserting the included (stainless steel) humidity reservoir.

The CO₂ level is constantly monitored using dual beam infrared sensing technology. In the event of a drop in CO₂, audible and visual alarms are triggered, notifying the user of the error.

Despite its small size, the incubator features a relatively large 20L chamber with the capacity for flasks and bottles up to 2 liters. Two removable, stainless-steel shelves are included. The shelves are perforated to improve airflow within the chamber.

* If disconnected from the CO₂ supply, CO₂ percentage decreases by approx. 1% / 30 min.



Optional CO₂ regulator



Easy access, CO₂ input port

Technical Data

Temp. Range:	Ambient -10°C to 55°C
Temp. Accuracy:	+/- 0.25°C (at 37°C)
Temp. Uniformity:	+/- 0.5°C (at 37°C)
Temp. Increments:	0.1°C
CO ₂ Range:	0 to 20%
CO ₂ Sensor:	Dual Beam IR
CO ₂ Accuracy:	0.1% at 5%
Humidity:	70 to 80%
Dimensions:	
Exterior:	13.2 x 14.5 x 18.7 in. 33.5 x 37 x 47.5 cm
Interior:	10.3 x 9.3 x 12.8 in. 26 x 23.5 x 32.5 cm
Capacity:	20L or 0.8 cubic feet
Weight:	15 lbs (6.5kg)
Electrical:	100 - 240V, 50-60Hz* or 12V DC

Ordering Information:

H2300-HC2*

MyTemp Mini CO₂ Digital Incubator

Includes two stainless steel shelves, 4mm & 6mm tubing, air filter, 12V vehicle adapter & stainless humidity reservoir

H2300-REG

Optional CO₂ gas regulator (regulates pressure from the gas tank to the incubator)

* With US power cord, for EU power cord, please add (-E)

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