myTemp Mini CO_2 Incubator

Features:
- Digital control of temperature and CO_2
- 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

Specifications:
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%
Exterior Dimensions: 13.2 x 14.5 x 18.7 in
33.5 x 37 x 47.5 cm
Interior Dimensions: 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

Optional CO_2 regulator

Easy access, CO_2 input port

At only 13 inches wide, the myTemp Mini CO_2 is the smallest and most economical incubator for applications requiring CO_2 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 temperatures 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 CO_2. In addition, humidity (up to 80%) can be added to the chamber by inserting the included (stainless steel) humidity reservoir.

The CO_2 level is constantly monitored using dual beam infrared sensing technology. In the event of a drop in CO_2, 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 CO_2 supply, CO_2 percentage decreases by approx. 1% / 30min.

Cat. No.	Description	UOM
ES59510-C	myTemp Mini CO_2 Incubator	Each
H2300-REG	CO_2 Gas Regulator (regulates pressure from the gas tank to the incubator)	Each