

Personal Water Jacket CO2 Incubators

Model: 2123-2

Keep tight control over your samples and bench space with the Personal Water Jacket CO2 Incubator.



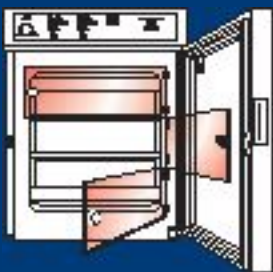
New Dimensions

This unit's compact size presents a small profile to conserve valuable lab bench space. The six-gallon water jacket and intelligent microprocessor present the benefits of contamination control and superior temperature uniformity for even the most demanding in vitro incubations. Precision is maintained with easy to operate push-button calibration of both temperature and CO2, and audio/visual alarms alert you to high/low temperature and CO2 conditions. Modular controls and backup systems ensure confidence for incubating valuable samples, providing the dependable assurance you expect from an incubator.

Contamination Control

The Personal Water Jacket CO2 incubator was designed to minimize the risk of contamination. Copper is used in the CO2 sample port, CO2 feed lines, water jacket, internal blower wheel, and the housing of our patented HEPA filter. This design addition serves to inhibit the growth of foreign microbes. Cleanup is a breeze because of the stainless steel chamber and the removable door gasket. The Personal CO2 Incubator provides optimum growth conditions that aren't usually found in incubators this size.

Tri-Section Door



Minimise contamination. A tri-section inner glass door is available for select Water Jacket models. The three separate inner glass doors allow for selective chamber openings. This feature helps to minimize the introduction of airborne contaminants to the chamber since the size of the access portal is minimized. Available on models 2424, 2323, 2406 and 2306.

Cooling Coils



Give your incubator the ability to achieve below-ambient temperature settings. Expand the Water Jacket CO2 Incubator's applications with a copper tubing coil placed inside the water jacket. Now insect and/or fish studies are possible with the use of this accessory, when purchased at the time of order. It's also helpful where high-temperature ambient conditions jeopardize temperature uniformity. Acting like a refrigeration system, this coil requires a cold liquid source (a separate chiller) to lower the water jacket temperature. The Incubator's heaters work against the cold water jacket temperature to maintain a programmed set point inside the chamber. Available on models 2424, 2323, 2123, 2406, 2306.

Model 2123-2 CO2 Incubator

Chamber capacity	50L
Temperature range	ambient +5°C to 60°C
Temperature uniformity	+/-0.25°C (at 37°C)
Temperature display resolution	+/-0.1°C
CO2 sensor	Thermal Conductivity
CO2 range	0-20%
CO2 display resolution	+/-0.1%
CO2 uniformity	+/-0.1% @ 5%
CO2 recovery rate to 5%	< 3 minutes
CO2 pressure regulated tank switch	No/No
Humidity range	up to 95%
Humidity display resolution	No
Alarm Conditions	
Temperature	+/-1°C
CO2	+/-1%
Shelves supplied	3
Shelves maximum	8
Exterior dimensions (WxDxH) (Single Chamber)	53 x 53 x 64cm
Interior dimensions (WxDxH) (Single Chamber)	38 x 39 x 36cm
Electrical requirements	
Watts / Amps - 220V	800 / 3
Cycle / Phase	50:60Hz / Single
Fitting sizes (diameter)	
Access port	2.54cm
CO2 sample port	0.95cm
CO2 inlet port	0.95cm
Fill port	2.54cm
Siphon port	1.27cm
Shipping Weight	82kg
Supplied with unit	Polyurethane tubing complete with 1/2 inch fitting for connection to a regulator and a 0.1 micron filter; a 6 foot power cord and leveling feet



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