



CO₂ Incubators for anaerobic cell and tissue cultures “Incubator CO₂”

MICROPROCESSOR CONTROL WITH DIGITAL DISPLAY OF TEMPERATURE AND CO₂.

ADJUSTABLE TEMPERATURES FROM AMBIENT +5 °C TO 50 °C

STABILITY: ±0.2 °C. HOMOGENEITY: ±0.5 °C. RESOLUTION: 0.1 °C.

ALARM RANGE: FROM AMBIENT+5 °C TO 50 °C. RESOLUTION: 0.1 °C.

CO₂ RANGE: FROM 0 TO 20%. STABILITY: ±0.3%. RESOLUTION: 0.1%



SAFETY:

STANDARD DIN 12880 CLASE 3.1. DOUBLE INDEPENDENT OVER TEMPERATURE SAFETY THERMOSTAT.
CO₂ DEVIATION FROM SET VALUE. OPEN DOOR INDICATOR, ELECTRICAL FAULT INDICATOR. LOW CO₂ PRESSURE.

Infrared CO₂ sensor

Chamber sterilization function

FEATURE

External case of steel coated with epoxy with insulated chamber.

The chamber is made of stainless steel with removable shelf supports, easy clean chamber.

Two doors; one interior of tempered glass with silicon gasket and a heated external steel door with magnetic seal to prevent condensation on the glass door.

Smooth door action, to prevent jolts or vibrations disturbing the contents of the incubator.

The CO₂ is administered through a metal tube of 6 mm Ø x 4 mm at the back of the unit.

RS232 output interface.

CONTROL SYSTEM

Digital electronic control of temperature and CO₂, by a single multilevel control button and LCD screen, that controls all functions within the chamber.

HUMIDITY CONTROL

The humidity level within the chamber is at a constant 98% RH level, that is produced directly by water evaporation previously introduced at the bottom of the chamber.



CONTROL PANEL

1. Visual alarm indicator.
2. LCD display of all parameters.
3. Button single control of multilevel functions.
4. Printer (Optional)
5. Main On switch.

MODEL

Part No.	Capacity litres	Height/Width/Depth (interior) cm	Height/Width/Depth (exterior) cm	Shelf guide positions	Power W	Weight Kg
4002628	150	65 50 46	89 64 60	9	800	89

Comes with two shelves.

ADDITIONAL Shelves stainless steel. Part No. 1001675

ACCESSORIES



Fyrite CO₂ analyser.

Monitor for checking the CO₂ % concentration. The unit has a graduated scale of 0 to 20 %. Reagent valid for 300 analysis. Should not be used with explosive gasses.

Part No. **4000632**

Printer: temperature, CO₂, time and status.
(Needs to be factory fitted.)

Part No. **4001676**



PRECISE COOLED INCUBATORS HOTCOLD HOTCOLD S

HOTCOLD S	CONTROLLABLE TEMPERATURES FROM	+5 °C TO 65 °C
HOTCOLD A-B-C	CONTROLLABLE TEMPERATURES FROM	0 °C TO 50 °C
HOTCOLD UB-UC	CONTROLLABLE TEMPERATURES FROM	-10 °C TO 50 °C
HOTCOLD GL	CONTROLLABLE TEMPERATURES FROM	0 °C TO 50 °C (DEPENDING ON WORKING MODE)



SAFETY:

DIN STANDARD 12880.2

SAFETY THERMOSTAT FITTED THAT DISCONNECTS POWER TO THE HEATER IF THE CONTROLLER FAILS. MANUAL RESET.

APPLICATIONS

Enzymatic tests, serum and plasma fractions BOD tests, , cosmetics, botany, pharmacy, industry, agriculture, bacteriology, biotechnology and research.



Refrigerated cabinet "Hotcold S"

FORCED AIR CIRCULATION.
DIGITAL ELECTRONIC CONTROL OF TEMPERATURE AND TIME,
ADJUSTABLE FROM +5 °C TO 65 °C.
STABILITY ± 0.6 °C. HOMOGENEITY ± 2 °C. SET ERROR ± 2 °C.
RESOLUTION 0.1 °C.



NEW

FEATURES

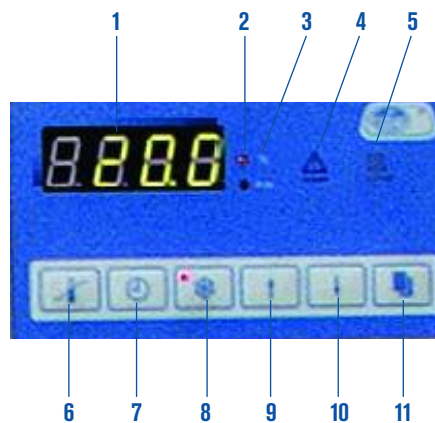
Epoxy coated external case. Interior AISI304 stainless steel. Door with double glazed glass to maintain internal temperature. Illumination switch with internal fluorescent light. Side port for the introduction of external cables probes and tubes etc. Two internal power sockets. Refrigerated R134a. 4 wheels with brake.

CONTROL SYSTEM

Electronic digital controller for temperature and time. Timer and off programmable from 1' to 99 hrs 59'. Programmable defrost. High and low temperature alarm. Temperature calibration.

CONTROL PANEL

1. Display for temperature / time.
2. Temperature indicator.
3. Time indicator.
4. Alarm indicator.
5. Heater functioning indicator.
6. Pushbutton, set temperature.
7. Push button set time.
8. Mains switch.
9. Push button increase value.
10. Push button decrease value.
11. Push button confirm value.



SPARES

Part No.
1001619 Guides (2) (Set).
1001620 Shelves.



Optimum temperature homogenisation can be achieved with an even load distribution of up to 70% unit volume.

STANDARD EQUIPMENT

2 shelves and 4 shelf guides.

MODEL

HOTCOLD	Part No.	Range °C	Capacity litres	Height / Width / Depth (interior) cm	Height / Width / Depth (exterior) cm	Number of shelves	Motor HP	Power W	Weight Kg
S	2101618	+5 +65	160	65 50 43	128 63 63	10	3/8	400	70

