

# 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, UP TO 37 °C. HOMOGENEITY: ±0.5 °C, UP TO 37 °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. 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 and easy clean system.

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 CO<sub>2</sub> input is by a metal tube of 6 mm Ø x 4 mm at the back of the unit.

RS-232 Interface output for a computer or printer.

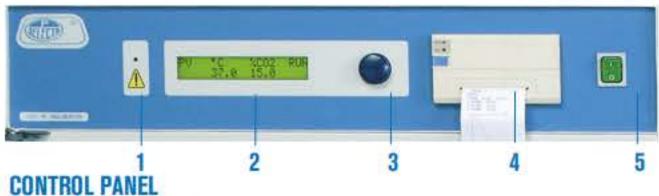
#### CONTROL SYSTEM

Digital electronic control of temperature and CO<sub>2</sub>, 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.





#### 1 Visual alarm indicator

- 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. 4002628	litres	Height/Width/Depth (interior) cm		Height/Width/Depth (exterior) cm			Shelf guide positions	Power W	Weight Kg
		65	50 46	95	65	73	9	1100*	110

Comes with two shelves.

\* 2025 W In sterilization mode.

### **ACCESSORIES**

Printer: temperature, CO2, time and status.

(Needs to be factory fitted.)

Part No. 4001676



### Fyrite CO2 analyser.

Monitor for checking the CO<sub>2</sub> % 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

Reagent flask 64 ml. Part No. 4000635

ADDITIONAL Shelves stainless steel. Part No. 1001675