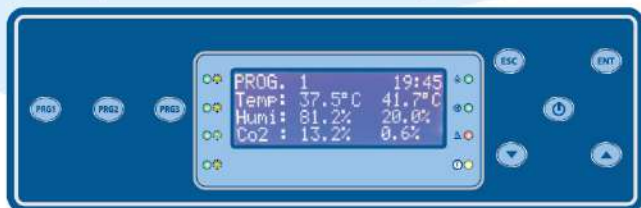


Laboratory Equipment's Heating and Cooling

Co2 Incubator Controller (Complete Manufacturing Kit)



L: 377mm x W: 123mm x H: 50mm

Microprocessor Co2 Controller based with Jumbo LCD Display, Menu Control, automatic operation and alarm system, have the following Menu

- Customized Specification will be available as per OEM manufacturer.
- Ergonomic Display and Touch Button Control.
- Set Time And Read Time Display.
- Set Temperature And Read Temperature Display.
- Temperature range 1.0 to 70 DegC.
- Co2 Range : 0 to 20%, Dual Beam NDIR Sensor.
- Humidity display: 1 % to 99%.
- Settable Co2 range 1 to 20%.
- Settable High Low Buzzer Alarm.
- Selectable Communication - Printer, CFR/PC, USB Storage.
- Failure and events detection for Sensor fail, Door open, Power Failure, Temperature variations.
- Sensor type - PT-100, 3 Wire, R W W., Analog Humidity, Analog Dual Beam NDIR Co2



Hm1500
Humidity Sensor



Co2 Sensor
NDIR Dual Beam

Designed for GeM Specification

1. Sterilization Cycle - 140,160,180°C
2. UV Light Sterilization Cycle with Timer.
3. Co2 With Built-In 3 Step Program.

Technology
To Enable



Dual NDIR Co2 Sensor

The RTC-Co2 is a CO2 module for OEM applications that represents a breakthrough in low power gas detection making it ideal for battery powered, energy harvesting or wireless applications with tight energy budgets requiring long operating life. This Infrared LED based sensor offers a number of distinctive features over conventional CO2 sensors.



Key features of the RTC-Co2 CO2 sensor include:

- Continuous power consumption of 3.5 mW. With reasonable duty cycling (e.g. 15 min) battery life can be extended to 5+ years.
- Measurement ranges of 0-2%, 0-20%, 0-60%, 0-100% (Custom range possible with volume order).
- 10 second warm up time.
- Shock and vibration resistant.
- Built in auto calibration feature.
- Options for on-board temperature and humidity measurement and extended temperature operating range of -13 to 131°F (-25 to 55°C).
- Simple, closed contact initiation of ambient or zero calibration.
- Etc.

Deep Freezer Controller



L: 210mm x W: 105mm x H: 50mm

Microprocessor Controller based with Jumbo LCD Display, Menu Control, automatic operation and alarm system, have the following Menu

- Customized Specification will be available as per OEM manufacturer.
- Ergonomic Display and Touch Button Control.
- Set Time And Read Time Display.
- Set Temperature And Read Temperature Display.
- Automatic Timer Startup Up After The Set Temperature Achieved.
- System OFF after time is completed.
- Temperature range -50.0 to +50.0 DegC.
- Settable High/Low Buzzer Alarm.
- Settable Compressor Delay.
- Selectable Communication - Printer, CFR/PC, USB Storage.
- Failure and events detection for Sensor fail, Door open, Power Failure, Temperature variations.
- Sensor type - PT-100, 3 Wire, R W W.
- Etc.

Incubator Controller



L: 100mm x W: 75mm x H: 20mm

Microprocessor Controller based with FND/LED Display, Menu Control, automatic operation and alarm system, have the following Menu

- Customized Specification will be available as per OEM manufacturer.
- Ergonomic Display and Touch Button Control.
- SET TIME and READ TIME Display.
- SET TEMPERATURE and READ TEMPERATURE display.
- Automatic Timer Startup up after the SET TEMPERATURE achieved.
- System OFF after time is completed.
- Temperature range 0.1 to +99.0 DegC.
- Settable High/Low Buzzer Alarm.
- Selectable Communication - Printer, CFR/PC, USB Storage.
- Failure and events detection for Sensor fail, Door open, Power Failure, Temperature variations.
- Sensor type - PT-100, 3 Wire, R W W.