



# COMPLETE ENVIRONMENTAL SOLUTIONS



**Air, Sound, Water, Soil Pollution Monitoring Instruments Manufacturing, Sales, Servicing & Calibration**

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GSTIN NO: 09EPS8978Q1ZY

PAN NO : EPS8978Q

## PRODUCT LIST

### AIR POLLUTION MONITORING INSTRUMENTS

- RESPIRABLE DUST SAMPLER (PM10)
- FINE PARTICULATE SAMPLER (PM2.5)
- COMBO SAMPLER (PM10+PM2.5)
- STACK SAMPLER
- HANDY DUST SAMPLER
- PERSONAL SAMPLER
- BENZENE SAMPLER
- LOW VOLUME SAMPLER
- GASEOUS POLLUTANT SAMPLER
- THERMO ELECTRICALLY COOLED GASEOUS ATTACHMENT
- THERMO ELECTRICALLY COOLED GASEOUS ATTACHMENT
- SOUND LEVEL METER
- WEATHER MONITOR
- LUX METER • VIBRATION METER
- TOP LOADING CALIBRATOR
- FLOW CALIBRATOR
- TIME CALIBRATOR

## BACTERIOLOGICAL INCUBATOR



### ➤ OVERVIEW

Bacteriological Incubator is used for storage of bacteria plate and bacterial culture growth at **37 degree Celsius**. These incubators are fitted with heating temperature only; therefore, these are also called heated incubators. We are bacterial incubator manufacturers and suppliers in India and make these units in different sizes (chamber dimensions). Standard modes come in *small size as 28 liters and large size as 340 litres*. We also make big size bacterial incubators on demand. Each unit is fitted with digital temperature controller for excellent accuracy and reliability. A motorized blower is also fitted for uniform air circulation across the chamber. Our **Bacterial incubators** are economical and fit in everyone's budget price. They require almost no maintenance and deliver wonderful performance for long years without need of after sales service.

### DETAILED DESCRIPTION

**Temperature:** The temperature range of our bacterial incubators is ambient+10°C to 60°C, which is controlled through microprocessor based PID temperature controller and PT100 RTD sensor. This controller displays both Set Value (SV) and Process Value (PV).

**Air circulation:** Our bacterial incubators feature both natural and forced air convections; a motorized blower is fitted at back side of the chamber. It is also responsible for uniform distribution of temperature across the chamber. It can it can switch ON and Off using on/off switch provided at the panel.

**Construction:** Our 37-degree bacteriological incubators feature rugged construction. External cabinet is made of thick gauge of GI sheet which is powder coated and painted to enhance its corrosion resistance feature. The inner chamber is made of thick gauge of 304 grade stainless steel sheets. The gap between the inner and external chamber is filled with high density glass wool which minimizes heat loss and keeps the unit energy efficient. The door has an observation

- SOUND LEVEL CALIBRATOR

## LAB INSTRUMENTS

- BIO SAFTY CABINET
- FUME HOOD
- BOD INCUBATOR
- COD DIGESTOR
- AUTO CLAVE
- BIOLOGICAL INCUBATOR
- HOT AIR OVEN • WATER BATH
- HUMIDITY CHAMBER
- HOT PLATE
- DISTTILATION UNIT
- HEATING MENTLE
- KJELDAL ASSEMBLY
- DEEP FRIZZER
- PH METER
- TDS METER
- CONDUCTIVITY METER
- SPECTROPHOMETR
- WEIGHING BALANCE
- MOISTURE ANALYZER
- DIGITAL ULTRASONIC CLEANER
- DO METER
- GRADENT THERMAL CYCLEAR PCR
- ICE FLAKER
- ICE MAKER
- PROBE SONICATOR
- DIGITAL VISCOMETER
- DIGITAL PRESSURE INDICATOR
- LON SELECTIVE ELECTRODES
- POLARIMETERS

glass window to view samples inside without opening the door.

**Safety features:** Temperature safety is most important concern of bacteriological incubator; therefore, we equip these units with temperature thermostat and this is also a low / high alarm which alerts operator if there is any variation in set temperature.

**Customization:** We understand the need of customization; therefore, to meet their diverse needs we provide several customization options and accessories to make these bacterial incubators fit to their specific requirements. Optional accessories include digital timer, PLC based HMI controller, 21 CFR part 11 software, data logger and thermal printer etc. Each unit is tested for few days at various steps before dispatching to customer ensuring you that you are buying a finest incubator; in addition, we offer reasonable price guarantee of our bacteriological incubators in India.

### FEATURES & BENEFITS

- Ideal for 37-degree incubation
- Durable construction with glass wool insulation
- Removable steel wire mesh cable trays
- Microprocessor based PID controller
- Precise temperature accuracy & uniformity
- Natural and forced air convection
- Observation glass window on door

### TECHNICAL SPECIFICATIONS

Temperature range	Ambient+10°C to 60°C
Temperature accuracy	±0.2°C @37°C
Temperature controller	Dual display PID controller, Display SV & PV, Auto tuning feature
Temperature sensor	PT100
Inner chamber	SS 304
External cabinet	Powder coated GI sheet
Insulation	Glass wool
Door	Insulated door, Mechanical latch / clamp, Glass window

- VISCOMETERS
- PROBE SONICATOR-TOUCHSCREEN
- LON WITH PH METER-5 POINTS
- PH ELECTRODES
- MULTI PARAMETER / DO METER
- REFRACTO METERS
- GRADIENT THERMAL CYCLER
- ULTRASONIC CLEANERS
- CERAMIC HOTPLATE
- MAGNETIC STIRRER
- DIGITAL PIPETTES
- REFRIGERATED CIRCULATING BATH
- DIGITAL WATER BATH
- ANALOG MULTIMETER
- DIGITAL MULTIMETER
- BENCH TYPE TRUE RMS DIGITAL MULTIMETER
- AC CLAMP METER
- AC/DC CLAMP METER
- POWER CLAMP METER
- AC LEAKAGE CURRENT TESTER
- EARTH LEAKAGE
- INSULATION RESISTANCE TESTER
- PHASE ROTATION METER
- VOLTAGE DETECTOR
- DIGITAL CAPACITANCE METER
- DIGITAL LCR METER
- DIGITAL MILLIOHM METER
- LUX METER

Heaters	Resistance wire heaters
Shelves	SS wire mesh (removable)
Air circulation	Motorized blower / Axial fan
Standard fittings	Mains on/off switch, Load Indicator, Fan on/off switch
Power supply	220 Volts 50Hz
Optional	GMP construction (Inner & outer SS 304), PLC + HMI controller w/ USB interface, 21 CFR Part 11 software, Data logger w/ USB interface, Thermal printer, Inner chamber LED light



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