

BOD INCUBATOR

BI-3010



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

▶▶ TECHNICAL DATA

Capacity :	200 Liters
Temp. Range :	5°C to 60°C
Temp. Accuracy :	± 0.2°C
Supply :	230V, AC

ATL make BOD incubators are manufactured to comply requirement of Industries. Specifically designed for long term and stable continuous operation ideal for Pharmaceuticals, Bio technology and Research institutions for storage and incubation studies. Incubators to provide condition for optimal growth of Microbiology cultures, Biological labs for preservation of vaccines, Serological and compliment fixation tests, General low temperature uses in physical /chemical labs, R & D Center, Quality Control Laboratory, General laboratories of industries, Pharmaceuticals, Chemicals, Petrochemicals, Oil & Gas, Cement, Pulp and Paper, Fertilizers, Defence, Railways, Paint etc...

▶▶ CONSTRUCTION

ATL BOD Incubator is made of double walled construction with thick high grade PUF insulation. Full view inner acrylic door & front door with gasket & locking arrangement. Motorized Blower at back side of the chamber develops unique air flow system to maintain uniform temperature condition inside the chamber. Unique air flow assures quick recovery after door openings. The unit is provided with user friendly adjustable specially designed S.S rod trays, ensures uniform temperature distribution.. The equipment is mounted on castor wheels for easy movement.

Controlling System

Microprocessor based auto tune PID temp. controller with dual display of set value & process value for precise control of temperature.

Sensor

- PT 100 sensor is used for sensing the temperature..

Heating System

- High quality S.S. tubular heaters are used for better heating.

Refrigeration System

- CFC Free hermetically sealed Emerson Copeland make compressor for better cooling with R134 A (Eco Friendly) refrigerant with time delay to safe guard compressor system.

Validation Port

- 50mm validation port hole with silicon rubber seal to insert sensor for validation

▶▶ FEATURES

- Full view observation Acrylic door with gasket to observe sample inside the chamber.
- Interior illumination for working area.
- Specially designed stainless steel rod trays ensure uniform temperature distribution.

▶▶ SAFETY FEATURES

- Safety standby thermostat to cut off heater supply in case of overshoot of temperature.
- In built over load protector provided for hermetically sealed compressor.
- Compressor ON delay timer (2min) to safe guard the compressor.

▶▶ OPTIONAL FEATURES

- PLC Based Control System
- Stand by Refrigeration System.
- Ethernet / RS 485 Communication
- Data Logger.
- Data Scanner complete with sensor
- SMS Mobile Alert system
- Door access security system
- Safety digital temperature controller
- Digital Timer
- CFR 21 Part 11 compliance software

▶▶ Regulatory compliances



▶▶ Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

▶▶ Reach us @



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