

equitron[®] Gorgeous Architecture
First Rate Performance

BOD INCUBATOR - **Intello Series**



Ideal for preservation of vaccines, study of synthesizing organisms, life cycle testing, shelf life studies, general incubation, refrigerated storage, cell culture process of animals & plants, microorganisms cultivation & desalting process of enzyme extract in Biology, Botany Virology, Oceanography, water pollution, sewage, agriculture, food and research departments





EQUITRON Exclusive Advantages:

- ❖ Inner Chamber with rounded corners for easy cleaning & better performance.
- ❖ Inner door - frameless - made of tempered safety glass. Single piece inner door panel eliminates crevices & reduces contamination problems.
- ❖ Shelves - adjustable - made of stainless steel wire mesh.
- ❖ Inbuilt validation port - to avoid gasket damage during validation.
- ❖ Automatic chamber illumination when door is opened.
- ❖ Custom built Controller for BOD Incubator with data storage, ethernet connectivity to central work station and PC software.

Construction:

- ❖ Full construction (inner & outer) of stainless steel 304.
- ❖ Round cornered inner chamber.
- ❖ Stainless steel wire mesh adjustable shelves.
- ❖ Inner frameless door of tempered safety glass.
- ❖ Door gasket with positive sealing.
- ❖ PUF insulation.
- ❖ Heavy duty PU casters with position latching & leveling for ease of movement and placement.

Control System:

- ❖ Forced air circulation inside the chamber, to maintain optimum uniformity & control accuracy.
- ❖ Integrated special control system with following features:
 - 2 x 16 characters backlit LCD display
 - Simultaneous display of 1 Controlling sensor + 3 temperature sensors
 - Equipped with auto tuning facility, soak timer, floating overshoot, undershoot & sensor open alarms
 - Self diagnosis system
 - Two level password protection
 - Data storage capacity up to 9,000 records (can be accessed through EQUILOG software only)
 - Ethernet port for PC communication
- ❖ Automatic illumination on door opening.
- ❖ Temperature range: +5 to 60°C.
- ❖ Accuracy: ±0.5°C.

Safety:

- ❖ Tempered safety glass inner door.
- ❖ Environment friendly CFC free hermetically sealed compressor.
- ❖ Floating overshoot/undershoot alarm.



- ❖ Independent absolute temperature overshoot alarm & cut off.
- ❖ MCB for Electrical safety.
- ❖ Password protection for control system & software.

Utilities Required:

- ❖ Electrical supply: An MCB of correct rating, 230 VAC, 50 Hz, Single Phase.
- ❖ It is recommended to use Stabilizer where power fluctuation is high.
- ❖ About 100mm space should be left open from left & right side & at least 200 mm on back side.
- ❖ Ethernet connection & hub for multiple connections.
- ❖ Ideal performance under ambient conditions not exceeding 24°C.

EQUILOG Software:

- ❖ EQUILOG software can be used to connect a maximum of FIVE Intello series BOD Incubators in parallel to a centralized work station (PC).
- ❖ EQUILOG software provides total control & flexibility to user whereby user can set / read temperature & other critical parameters through PC.
- ❖ EQUILOG software provides temperature analysis & audit trail reports as per USD FDA 21 CFR Part 11 standard.

| Model | Product | Capacity Ltr / CuFt | Shelves | Inner Dimension W x D x H (mm) | Outer Dimension W x D x H (mm) |
|-------------|--|------------------------|-----------|-----------------------------------|-----------------------------------|
| #7144-150 | EQUITRON BOD Incubator- Intello Series | 150 / 5.2 | 2 nos | 500 x 500 x 600 | 690 x 825 x 1380 (Approx) |
| #7144-250 | | 250 / 8.8 | 3 nos | 500 x 500 x 1000 | 690 x 825 x 1780 (Approx) |
| #7144-400 | | 400 / 14.1 | 3 nos | 600 x 600 x 1110 | 790 x 950 x 1890 (Approx) |
| #7144-600 | | 600 / 21 | 4 nos | 700 x 700 x 1230 | 890 x 1050 x 1960 (Approx) |
| #7144-200x2 | | 200 x 2 / 7.06 x 2 | 2 x 2 nos | (600 x 600 x 550) x 2 | 800 x 880 x 1960 (Approx) |

All electrical appliances work on 230V AC, 50Hz, single phase. Other Voltages available on request.
Due to continuous improvement in design, the product supplied may have modified features.



Medica Instrument Mfg Co

105, Vasan Udyog Bhavan, Sun Mill Compound, Lower Parel (West)
Mumbai 400013, INDIA • ☎ +91-22/6618-9999 • 📠 +91-22/6618-9996
✉ sales@medicainstrument.com • www.medicainstrument.com

