

Gorgeous Architecture  
First Rate Performance

**EQUITRON<sup>®</sup>**

## **BOD INCUBATOR - CLASSIC 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 - special plastic coated.
- ❖ Inbuilt validation port - to avoid gasket damage during validation.
- ❖ Chamber illumination with LED strip light.

**Construction:**

- ❖ Interior construction of stainless steel (304) & exterior construction of MS with heat cured epoxy coating.
- ❖ Round cornered inner chamber.
- ❖ Stainless steel wire mesh (plastic coated) adjustable shelves.
- ❖ Double door with inner door of tempered safety glass & outer door with gasket & positive sealing.
- ❖ PUF / Glass wool insulation.
- ❖ Heavy duty PU casters for ease of movement.

**Control System:**

- ❖ Integrated digital PID controller equipped with wait-off timer (time relay), high temp. alarm, auto-tuning and temperature calibration function.
- ❖ Forced convection type i.e. forced air circulation of chilled air by durable coaxial blower to achieve homogeneous heating and cooling dissipation throughout the chamber.
- ❖ Seven segment LED display.
- ❖ Temperature range: +5 to 60°C.
- ❖ Control accuracy:  $\pm 0.5^\circ\text{C}$ .

**Safety:**

- ❖ Tempered safety glass inner door enables to monitoring without variation in temperature.
- ❖ Environment friendly CFC free hermetically sealed compressor.
- ❖ Floating overshoot alarm.
- ❖ Independent absolute temperature overshoot alarm & cut off.
- ❖ MCB for Electrical safety - over current protection.

**Utilities Required:**

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

Model	Product	Capacity Ltr / CuFt	Shelves	Inner Dimensions W x D x H (mm)	Outer Dimension W x D x H (mm)
#7142-091	BOD Incubator	91 / 3.2	2 nos	450 x 450 x 450	640 x 775 x 1220
#7142-150	BOD Incubator	150 / 5.2	2 nos	500 x 500 x 600	690 x 825 x 1380
#7142-250	BOD Incubator	250 / 8.8	3 nos	500 x 500 x 1000	690 x 825 x 1780
#7142-400	BOD Incubator	400 / 14.1	3 nos	600 x 600 x 1110	790 x 950 x 1890

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.

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