

## BOD INCUBATOR SHAKERS (Premium Model)



### SPECIFICATIONS :

It is widely used in germ culture, ferment, hybridization, and research of biochemical reaction, enzyme and cellular tissue and all those require high temperature and oscillation frequency.

### PRODUCT FEATURES :

- Epoxy powder coated MS housing.
- Inner stainless steel chamber - 304.
- Toughened glass observation window
- Intelligent micro processing controller with Audio visual alarm.
- Large LCD screen displays the setting parameters and the measured parameters.
- 7 inch full color touch display (**Optional**)
- The operating parameter can be locked by password facility.
- Timer up to 999 hours and 59 minutes;
- Brushless DC motor design, wide speed range, constant torque, constant rotation speed, no carbon brush, maintenance- free.
- Good quality bearing, long service life and low noise.
- Over temperature alarm function, the power supply can be cut off automatically when temperature is out of control.
- Power-off recovery function, the equipment can restore working automatically according to the original setting program when the external power is recovered after a sudden cut off.
- The acceleration control circuit starts slowly and accelerates smoothly to ensure the safety of the sample.
- Equipped with individual temperature limit switch, door switch and door lock.
- Puff insulation and DGU glass for best performance.

## TECHNICAL PARAMETERS :

- Volume [L]: 125/200/375
- Temp. Range [°C]: 5 °C to 60 °C , Accuracy:  $\pm 1.0$  °C.
- Temp. Uniformity at 37°C [°C]:  $\pm 1.0$  °C
- Rotation Rate [rpm]: 1~300
- Vibration Amplitude [mm]: Ø25
- Timer Range [h]: 0~999
- Power Supply [V, Hz]: 220, 50/60

| CAT. NO.        | Capacity Ltrs. | Temperature Range | Internal Dimensions W x D x H (mm) | External Dimensions W x D x H (mm) |
|-----------------|----------------|-------------------|------------------------------------|------------------------------------|
| CIS - STD - 001 | 125            | 5 °C to 60 °C     | 455 x 455 x 600                    | 625 x 735 x 1310                   |
| CIS - STD - 002 | 200            | 5 °C to 60 °C     | 650 x 650 x 1300                   | 500 x 500 x 500                    |
| CIS - STD - 003 | 375            | 5 °C to 60 °C     | 650 x 650 x 1300                   | 500 x 500 x 500                    |

**Standard Configuration : 9x250/500 or 4x1000 ml.**

| CAT. NO.    | Flask Capacity (ml) | No. of Clamps required for tray size 450 x 590 mm | No. of Clamps required for tray size 595 x 595 mm | No. of Clamps required for tray size 715 x 715 mm |
|-------------|---------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| CLAMP - 503 | 250                 | 9                                                 | 16                                                | 25                                                |
| CLAMP - 504 | 500                 | 4                                                 | 9                                                 | 16                                                |
| CLAMP - 505 | 1000                | 4                                                 | 9                                                 | 16                                                |

**HSN CODE - 8479 8200 GST % - 18 %**