

## LOW TEMPERATURE ORBITAL SHAKER

### Specifications:

- Floor model with platform Size : 75 x 45 (cms) approx
- Shaking frequency: 30- 400 rpm or more with 1 inch orbit
- Accuracy :  $\pm 1$ rpm
- Temperature Range: 20° C below ambient to 60° C or better.
- Temperature Accuracy:  $\pm 0.2^{\circ}$  C with a nominal uniformity of  $\pm 0.3^{\circ}$  C at 37° C.
- LCD Display to indicate speed, temperature, running time & alarm Conditions.
- Timer: Programmable shaking periods from 0.1 hr to 99.9 hrs with audible alarm and status light at end of run.
- Drive Mechanism should be made of cast-iron housing with permanently lubricated ball bearings
- Audible & visible alarm should indicate when speed deviates  $>5$  rpm or temperature  $>1^{\circ}$  C from set points.
- Audible alarm and status light can be deactivated for continuous operation.
- Cool running brushless DC motor
- Ultra violet germicidal light in the air flow path outside the chamber.
- Easy open lid with foot pedal release to provide hands free operation.
- The instrument should have facility to control humidity, sample evaporation, illumination light, UV lamps, protect unit from spills. Built in drain facilitates to clean up the chamber.
- Should have universal platform to accommodate 25ml, 50ml, 100ml, 125 ml, 250 ml 500 ml, 1L, 5L, test tube racks of 12-15 mm and 22-26 mm with universal spring retainer clamp.
- The system should have the ability to take 30 nos of 250ml, 12 nos of 1 litre, 5 litres of 4 numbers.
- Sliding platform is preferable to check the culture growth.
- Comprehensive maintenance and 3 years warranty + 2 years free AMC
- Any other optional accessories may be quoted separately.
- Local Service Support should be within 24 hours.