

SPECIFICATIONS FOR ELECTRONIC ORBITAL TABLE TOP LABORATORY SHAKER WITH ENVIRONMENTAL

INCUBATION HOOD – MODEL ORBITEK[®] – LE

- * Compact table top or bench top refrigerated shaker with universal platform to accommodate assorted clamps of various capacities.
- * Insulated thermal pane glass door for viewing cultures without opening the door.
- * Shaker must have movement incorporating Triple Eccentric Pin with Counter Balance done.
- * Balanced top plate mounted on three permanently lubricated bearings fitted with housing to ensure non deviated amplitude of 25mm throughout the entire speed range of 30-350 RPM with an accuracy of +/- 2% of the set value.
- * Drive should be direct current driven motor with permanent Magnet connected with pitched pulley.
- * Temperature control through soft key pad with visual and / or audio alarm for temperature over / under shoot.
- * Temperature control should be of PID based microprocessor controller with control of AL 1, AL2, CL parameters.
- * Temperature control should have in built Surge protected to prevent control parameters deviations during power fluctuations.
- * Sensor should be platinum tipped grade 100.
- * Universal tray to accommodate 36 no's of 100 ml (or) 25 Nos. of 250 ml. (or) 16 Nos. of 500 ml. (or) 9 Nos. of 1000 ml. (or) 4 Nos. of 2000 ml
- * Shaking Motion: Orbital
- * Universal Tray Size: 420 x 420 mm
- * RPM Indication: Digital
- * Temperature Range: 10° to 60° C
- * Temperature Accuracy: $\pm 0.1^{\circ}$ C @ range 37.1°C to 60°C
- * Heater Power: 500 W
- * Electrical Requirement: 230 V, 15 A, Single Phase, 50 Hz.
- * Unit should complied universal standard safety measures of CE certified.
- * ISO Certified company.