



## ***INCUBATOR FOR BOD***

### ***TE-371/240L***

Used to incubate vials for the determination of BOD (biological oxygen demand) and sample incubation in general.

## Technical Characteristics

### TE-371/240L

- Temperature: -10°C to 60°C;
- Temperature controller: Digital microprocessor with PID system WITH RAMPS AND LANDERS;
- Sensor: PT-100;
- Control accuracy:  $\pm 0.3^{\circ}\text{C}$ ;
- Uniformity:  $\pm 1.0^{\circ}\text{C}$ ;
- Compressor: Hermetic 1/8HP, with CFC-free 134-A gas;
- Cooling capacity: 340 BTU/ha at 0°C;
- Insulation: Expanded Polyurethane;
- Circulation: forced ventilation;
- Humidity: Has an internal reservoir that provides humidity by natural evaporation;
- Security: Overheat thermostat above 60°C with audible alarm and resistance automatic shutdown;
- Capacity: 6 shelves;
- Maximum load limit per tray: 15kg;
- Outer cabinet: In carbon steel with anti-corrosive treatment and electrostatic painting;
- External dimensions: Width = 550 mm x Height = 1540 mm x Depth = 613 mm;
- Volume: 240 liters;
- Weight: 44 KG;
- Power: 730 W;
- Voltage: 220VAC  $\pm 5\%$  50/60Hz;
- \*\* \*\* At 50Hz the cooling capacity may have a 15-20% power decrease. Compatible with DR protection device;
- Other model: With glass door - TE-371/1-240L;
- ACCOMPANIES: - 02 extra fuses - 04 Shelves - Instruction Manual with Warranty Term;
- Heating: By armored finned resistance;
- Resistance power: 500 W;

## Benefits and Advantages

- Easy controller programming
- It has a microprocessor temperature control (PID), which causes less temperature variations and less interference in the process, providing greater efficiency
- Presence of lamp for internal lighting
- Internal humidification can be done using the internal reservoir
- It has internal air circulation
- Overheat thermostat above 60°C with audible alarm and automatic shutdown for safety
- Perforated temperature sensor, the most sensitive, providing fast response
- Uniform thermal distribution
- Easy access to the panel, providing easy maintenance
- It has an independent drain
- Presence of adjustable feet for leveling when necessary