# *INCUBATOR FOR BOD*
## *TE-371/340L*

Used to incubate vials for determining BOD (biological oxygen demand) and also other types of samples that particularly require the renewal of the air inside the chamber.

## Technical Characteristics

### TE-371/340L

- Temperature: 10.0°C to 40.0°C ;
- Temperature controller: Digital microprocessor with PID system with KM5P ramps and patamers;
- Temperature sensor: PT-100;
- Control accuracy: ±2.0°C;
- Uniformity: ±1.5°C;
- Compressor: Hermetic 1/8HP, with 134-A CFC-free gas;
- Cooling capacity: 340 BTU/h at 0°C;
- Anti-freeze system: Frost Free type;
- Insulation: Expanded polyurethane;
- Circulation: Forced ventilation ;
- Security: Overheating thermostat above 60°C with audible alarm and automatic switch-off ;
- Capacity: 6 shelves;
- Maximum load limit per tray: 15kg;
- Capacity (Sample): Estimated 1000 Petri dishes Ø90x15(mm) ;
- External cabinet: Made of carbon steel with anti-corrosion treatment and electrostatic painting;
- External dimensions: Width= 616 mm x Height= 1539 mm x Depth= 690 mm ;
- Useful internal dimensions: Width= 500 mm x Height= 1200 mm x Depth= 500 mm ;
- Drain: With reservoir and resistance system for condensate evaporation ;
- Volume: 300 liters;
- Weight: 45 kg ;
- Power: 1200 W ;
- Voltage: 220V ±5% 60Hz ** At 50Hz the cooling capacity may be reduced by 10-15%. ;
- Accessories: - 04 shelves - Instruction manual with warranty;

## Benefits and Advantages

- Easy programming of the controller

- It has a microprocessor-based temperature control (PID), which means that there are fewer temperature variations and less interference in the process, providing greater efficiency

- It has internal air circulation and an air renewal system

- Preserves sample humidity

- Overheating thermostat above 60°C with audible alarm and automatic shutdown for safety

- Perforated temperature sensor, the most sensitive, providing rapid response

- Uniform thermal distribution

- Easy access to the panel, providing easy maintenance

- Independent drain

- Adjustable feet for leveling when necessary