



THERMOSTATIC BATH

TE-185/1

Used for heating and cooling in general, turbidity test and shelf-life in beer bottles, torque test in PET bottle caps (Polyethylene Terephthalate), leakage analysis of cans and dissolution of culture medium.

Technical Characteristics

TE-185/1

- Temperature Range: -5°C to 60°C;
- Temperature Controller: Digital microprocessed with PID system and RBC calibration certificate;
- Temperature Sensor: PT-100;
- Control Accuracy: $\pm 0.1^{\circ}\text{C}$;
- Uniformity: $\pm 0.3^{\circ}\text{C}$;
- Compressor: Hermetic, 1 1/4 HP, using R-22 refrigerant gas;
- Circulation Pump: Internal, with 100 W bronze pump;
- Maximum Flow Rate Capacity: 45 L/min;
- Maximum Pressure: 6.5 mH₂O;
- Flow Rate vs. Pressure Reference: 25 L/min at 3.5 mH₂O;
- Capacity: 24 bottles of 600 mL;
- Cabinet and Tank: Entirely made of brushed 304 stainless steel, with casters;
- Tank Dimensions: W = 550 × D = 390 × H = 410 mm;
- Volume: 70 Liters;
- Dimensions: W = 805 × D = 485 × H = 1030 mm;
- Weight: 70 kg;
- Power: 4000 W;
- Voltage: 220 V $\pm 5\%$, 60 Hz;
- Included: 01 Tank rack; Instruction Manual with Warranty Certificate.;

Benefits and Advantages

- Microprocessed digital control with PID system and RBC calibration certificate, which provides control more precise, the final temperature being reached more quickly and homogeneously
- PT-100 sensor, the most accurate, increasing sensitivity
- It has a Transoni circulation pump
- Internal and external cabinet in 304 stainless steel, providing greater durability
- It has a hermetic compressor 1 HP
- It has a drip tray on the lid, which prevents water from draining out of the equipment, providing a dry and clean environment
- It has a coil throughout the internal extension of the vat, which provides homogeneity of temperature
- It has two resistances, improving the temperature homogeneity and distributing heat equally in the Cuba
- Definition of gallery types according to the needs of each client
- It has a specific button to turn the cooling on and off, which provides energy savings and increases the life of the compressor
- Has water collector with protection against clogging of the pump head, providing longer life useful to the equipment
- Strict Quality Control, in which checks and tests guarantee the perfect functioning of the equipment, providing security and customer satisfaction
- Customer service, to answer questions and provide explanations about the equipment and methodologies
- Possibility of adaptations according to the customer's needs, makes the equipment already in line a special equipment