



# ***THERMOSTATIC BATH***

## ***TE-190***

Used for various types of laboratory analysis, for refrigeration and heating of large volumes for subsequent resistance test.

## Technical Characteristics

### TE-190

- Temperature: 0°C to 40°C;
- Temperature controller: Digital microprocessed with PID system and RBC calibration certificate;
- Sensor: PT-100;
- Control accuracy:  $\pm 0.3$  °C;
- Uniformity:  $\pm 0.5$  °C;
- Timer: adjustable HH: MM;
- Audible alarm: at the end of the desired time;
- Compressor: airtight 2 HP, with CFC-free R-134-a gas;
- Supply: Automatic;
- Circulation pump: internal;
- Cabinet and vat dyes: fully in brushed 304 stainless steel;
- Tub dimensions: L = 800 x d=1000 x H=500 mm;
- Volume: 360 Liters;
- Dimensions: L = 920 X D=1600 x H=1000 mm;
- Weight: 200kg;
- Power: 7000 Watts;
- Voltage: 220 Volts;
- ACCOMPANY: - 01 resistance Protector - Instruction Manual with Warranty Term;

### Benefits and Advantages

- Microprocessed digital control with PID system and RBC calibration certificate, which provides control more precise, being the final temperature reached more quickly and homogeneously
- PT-100 Sensor, the most accurate, increasing sensitivity
- Internal and external enclosure in 304 stainless steel, providing greater durability
- Features Flexcold 2 HP condenser unit
- There is residual pump circuit breaker, which provides protection against electric shock
- It has expansion valve in the cooling system that regulates the cooling rate, providing higher energy efficiency and better control
- Easy maintenance cooling system
- It has automatic supply and water level control, providing safety and agility
- Strict quality control, in which checks and tests ensure the perfect operation of the equipment, providing safety and customer satisfaction
- Customer service, to answer questions and provide explanations about the equipment and methodologies
- Possibility of adaptations according to the needs of the customer, makes the equipment already of line a special equipment.