



# MECHANICAL SHAKER

## TE-148

Used for mechanical agitation in fluids, liquids and suspended materials (viscosity reference: 2000 cP at 25 °C).

## Technical Characteristics

### TE-148

- Speed range: 80 to 1360 RPM;
- Control range: +/- 10RPM;
- Speed control: Analog via potentiometer;
- Motor: 70W direct current;
- Number of proofs: 04 samples simultaneously;
- Stirring capacity: Up to 2 liters of solution;
- Cabinet: Entirely in brushed stainless steel;
- Rod dimensions: Ø60 x H = 200 mm;
- Dimensions: W = 370 x D = 430 x H = 380 mm;
- Weight: 13 kg;
- Power: 150 Watts;
- Voltage: 220V+/-5% 50/60Hz;
- Include: - 02 Extra Fuses - 04 Adhesion rubbers - Instruction Manual with Warranty Term;

## Benefits and Advantages

- Compact and easy to use equipment
- Possibility of stirring from 250 mL to 2 liters
- It has ventilation for cooling the independent motor, providing safety and a longer service life
- Motor has insulation class F (up to 180 °C), for greater safety
- The speed of the 4 rods is the same, ensuring homogeneity
- T-type propeller with 20° inclination, which provides a movement for suspension of the liquid, both in the upper and lower parts, providing homogeneity
- Propeller is retractable, providing versatility during agitation
- It is possible to carry out the exchange of samples without stopping the agitation, which provides ease and speed
- Rod and propeller made of 304 stainless steel, providing greater durability, due to less oxidation
- It has a viton oring ring, a material with high heat resistance, chemical attacks and high temperatures
- It has a handle at the top, for ease and agility in transportation
- In the event of a power interruption, when the power is returned, the equipment will return to work in the same intensity, not harming the process
- Comes with rubbers for better adherence of the container to the equipment and also for protection of the base of it, extending the useful life of 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.