



# MAGNETIC STIRRER

## TE-089

Used for laboratory work in the homogenization of low viscosity liquid samples and to aid during titrations, providing uniformity. Reference: water viscosity at 25 ° C: 0.891 cP.

## Technical Characteristics

### TE-089

- Rotation: 100 to 2000 RPM;
- Rotation control: Digital microprocessor PWM with regulation from 1 to 99% on the display;
- Stirring capacity: up to 20 liters of solution;
- Plate: In aluminum 6351 coated in teflon 200mm in diameter;
- Cabinet: In carbon steel with anti-corrosive treatment and electrostatic painting;
- Dimensions: W = 210 x D = 240 x H = 130 mm;
- Weight: 6 kg;
- Power: 50 Watts;
- Voltage: 220 Volts (Power cable according to NBR 14136 with IEC standard three-pole adapter);
- Accompanies: - 01 Teflon-coated Magnetic Bar (goldfish) - 02 extra fuses - Instruction Manual with Warranty Term;

## Benefits and Advantages

- Compact and easy to use equipment
- Possibility of stirring up to 20 liters, using different types of containers such as: becker, Erlenmeyer flasks and bottles, providing agility and ease
- It comes with a magnetic Teflon bar, which is inert and does not interfere with the sample
- It comes with a magnetic bar and there is the option to select the type according to the customer's needs: magnetic bar is coated in chemical resistant Teflon, of great durability, without welds, mono-mold, preventing the penetration of products inside (waterproof), non-disposable, with magnet in high-intensity alnico V, resistant to temperatures from -270 to +260 ° C
- Flat/Triangular Bars: use in containers with a flat / smooth surface (without imperfections), Oval Bars: use in volumetric flasks, Bars With Central / Octagonal / Angular Ring: use in containers with an irregular surface (with imperfections - concavity)
- It has a display with indication of the percentage of speed used, which can be used as a reference process, providing practicality
- Teflon-coated base, which provides longer life to the equipment, being more resistant to samples that can fall at the base
- After a period of non-use, the equipment at 0% speed goes into stand-by, which contributes to increase its useful life
- It has an IEC plug, providing flexibility of use and agility, as it is universal
- 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.