



# STOVE WITH STIRRING FOR SYNTHESES

## TE-028

Used in chemical analysis laboratories especially for synthesis processes that occur through reactions by heating pressing and/or stirring two or more molecules to form a larger and more complex molecule.

## Technical Characteristics

### TE-028

- Temperature: Ambient +7°C to 200°C;
- Temperature control: Digital microprocessor with PID system and RBC calibration certificate;
- Sensor: PT-100;
- Control accuracy  $\pm 0.2^{\circ}\text{C}$ ;
- Uniformity:  $\pm 4^{\circ}\text{C}$ ;
- Rotation: Fixed at 60 rpm;
- Rotation accuracy:  $\pm 5$  rpm;
- Capacity: 28 samples;
- Agitation range: 360°;
- Timer: Digital - For HH:MM shake time control;
- Note: It is possible to configure an audible alarm to indicate the end of the agitation time;
- Cabinet: In SAE 1020 steel, with anti-corrosive treatment and electrostatic painting;
- Dimensions: W=850 x H=560 x D=480 mm;
- Power: 1600 Watts;
- Voltage: 220V+/-5% 50/60Hz;
- Accompanies: - 01 resistance protection grid - 02 extra fuses - Instruction manual with warranty term;
- Note: Does not come with capsules;

## Benefits and Advantages

- Easy programming using a controller and a digital timer
- Precise temperature control allowing the system to operate constantly at the desired set point even in case of external variations
- Possibility of setting up an audible alarm at the end of the shaking time providing practicality to analysts during the work routine
- Steel structure ensuring optimum heat shield providing uniformity in temperature during usage
- Carbon steel cabinet with anti-corrosion treatment and electrostatic painting ensuring longer equipment life cycle and easy asepsis

## Related Products

