



# ***BAIN-MARIE WITH WATER CIRCULATION***

## ***TE-056/1-MAG***

Used in various types of laboratory analysis heating solutions and samples in general where the use of temperatures to boiling is required.

## Technical Characteristics

### TE-056/1-MAG

- Temperature: Ambient +7°C to 100°C ;
- Temperature Controller: Digital microcontroller;
- Sensor: PT-100 ;
- Control accuracy:  $\pm 0,3^{\circ}\text{C}$  ;
- Uniformity:  $\pm 0.3^{\circ}\text{C}$  ;
- Circulation: Internal by magnetic agitation ;
- Safety: Thermal insulation between the tub and the cabinet;
- Tray and tub: In 304 stainless steel ;
- Cabinet: 430 stainless steel with electrostatic painting;
- Tub dimensions: L=500 x D=300 x H=150 mm;
- Tub volume: 22 liters ;
- Dimensions: L=570 x D=400 x H=300 mm;
- Weight: 17,8kg ;
- Power: 1400 Watts ;
- Voltage: 220 V  $\pm 5\%$ ;
- Features: - 01 Resistance protective tray - 01 Teflon-coated magnetic bar (fish) - 01 stainless steel lid with 6 reducing rings - 02 extra fuses - Digital Instruction Manual with warranty term;

## Benefits and Advantages

- Compact and easy-to-handle equipment
- Presence of predictive control that anticipates the control signal so that the system does not present high over shoot that is more homogeneous temperatures throughout the process
- Bowl in 304 stainless steel providing greater durability
- Thermal insulation in mineral wool blanket providing security
- Internal homogenization by magnetic stirring
- Controller that allows calibration of the equipment according to an external standard
- Input for external thermometer for calibration
- PT-100 sensor the most sensitive
- Clock/Timer: time up to 9999 minutes allows the operator to program the time the bath should keep warming up
- REC function – Recover: putting this parameter in On mode the last configuration is saved when the bath is turned on again it will start to heat up according to the previously configured value
- Bulb thermostat to protect against overheating or lack of water automatic shutdown that can only be turned back on by the user providing safety
- Presence of reducing rings on the lid allowing adaptation according to the container to be used providing practicality
- Option to be used with gallery and drip tray cover (acrylic or stainless steel)
- Rigid Quality Control in which checks and tests guarantee the perfect functioning of the equipment providing safety and client satisfaction
- Client service to answer questions and provide explanations about the equipment and methodologies
- Possibility of adaptations according to the client's needs makes the equipment already of line a special equipment.