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DIGITAL WATER BATH

TE-056/1-MAG

Used in various types of laboratory analyses, in heating solutions, and samples in general, where it is necessary to use temperatures up to boiling.

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Technical Characteristics

TE-056/1-MAG

- Temperature: Ambient +7°C to 100°C ;
- Temperature Controller: Digital microcontroller;
- Sensor: 3-wire PT-100;
- Control accuracy: ±0,3°C ;
- Uniformity: ±0.3°C ;
- Circulation: Internal by magnetic agitation ;
- Safety: - Thermal insulation between the tub and the cabinet - Safety thermostat that protects the heating element in case of overheating due to lack of water;
- 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 ±5% 50/60Hz;
- 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;

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Benefits and Advantages

- Light, compact, and easy-to-use equipment with built-in handles
- Presence of predictive control that anticipates the control signal so that the system does not present high overshoot, that is, more homogeneous temperatures throughout the process
- 304 stainless steel tub, providing greater durability
- Thermal insulation in mineral wool blanket, providing safety
- Internal homogenization done by magnetic stirring
- Controller that allows equipment calibration according to an external standard
- Input for an external thermometer for calibration
- PT-100 sensor, the most sensitive
- Clock/Timer: time up to 9,999 minutes, allows the operator to program the time for which the bath should keep heating
- REC function – Recover: by putting this parameter in “On mode” the last setting is saved, when turning the bath on again it will start to heat according to the previously configured value
- Bulb thermostat to protect against overheating or lack of water, automatic shutdown that can only be switched on again by the user, providing safety
- Presence of reducing rings on the lid, allowing adaptation according to the container to be used, and providing practicality
- Option to be used with gallery and drip lid (acrylic or stainless steel)
- Strict Quality Control, in which checks and tests guarantee the perfect functioning of the equipment, providing safety and customer satisfaction
- Customer service, to answer questions and give explanations on the equipment and methodologies
- Possibility of adaptations according to customer needs makes the standard equipment a customized solution.