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MACRO DIGESTOR BLOCK WITH TOUCH SCREEN

TE-0051/50

Used to digest the most diverse types of samples, such as plants, food, rubber, among others, for later analysis of nitrogen / protein.

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Technical Characteristics

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- Temperature: Ambient +7°C to 450°C;
- Temperature Controller: FE15J Digital controller board with PID system and ramps and steps with 1 program divided into 5 segments (temperatures) selectable with a maximum of 5 ramps and 5 steps (if 5 temperatures are selected). Possibility of 10 cycle repetitions;
- selection of counting type: By time (counts the time regardless of temperature and obeys the programmed time) or by temperature (only starts counting if the system is within the programmed limit);
- Control selection after ramps and soaks: Turns off the control or controls at the last set point;
- Operation screen: TOUCH SCREEN 4.3;
- Temperature sensor: Type J with stainless steel spring;
- Control accuracy: ±2°C;
- Uniformity: ±5°C;
- Safety: Shielded resistance avoiding contact with sulfuric acid;
- Block: In die-cast aluminum with 85 mm hole depth;
- Cabinet: Stainless steel 304;
- Dimensions (mm) of the Block: W=150 x D=420 x H=205 - Block + Gallery + Tubes: H=365;
- Weight: 12Kg;
- Power: 1250 W;
- Voltage: 220V 50/60Hz;
- ACCOMPANIES: - 01 Gallery in STAINLESS STEEL - 01 digital temperature controller with ramps and soaks - 05 360 mL borosilicate glass macro tube (Ø50x250 mm) with thread already adapted for use with the exhaust gallery; - Instruction Manual with Warranty Term;

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Benefits and Advantages

- Compact equipment
- User-friendly touch screen display
- It has date and time on the display
- It has Stand-by mode
- After starting the process, it takes place automatically, providing agility
- It can have 5 segments, therefore 5 ramps and 5 steps
- Allows control of the time that the sample must remain at a certain temperature (level)
- Allows control of acceptable temperature variation in the process
- The ramp, when properly dimensioned, allows the temperature rise to be smooth, resulting in low overshoot and better temperature distribution across the block
- At the end of the fulfillment of the programmed segments, there is a resource item called looping (cycles), which can be 0 to 10, providing agility
- Allows the jumper option, in which two levels with the same set point can be programmed, providing a level with a longer time
- At the end of the process, there is the option of control (remaining at constant temperature) or the final option, chosen by the client
- It has a controller box separate from the block, which can be left outside the hood, resulting in a longer useful life for the equipment as it is more protected from acidic gases and vapors
- 304 stainless steel casing, considerably increasing its useful life
- Mug-type socket with the female side energized which provides user protection against electric shocks
- Easy-fit cup-on-block cup connector
- Transport gallery for the tubes, which facilitates the analyst work
- Concave base of the block, which allows a perfect fit with the tubes, avoiding breakages

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- Armored resistance that guarantees safety
- Thermal conservation of the block that provides agility and speed
- 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 needs, makes the equipment already of line a special equipment.