



## ***DRY BLOCK/DQO***

### ***TE-021-DRY BLOCK/DQO***

Heating block for small sample volumes, mainly used for the digestion (closed reflux) of COD and other applications used in clinical analysis laboratories, molecular biology, biotechnology, histology, among others.

## Technical Characteristics

### TE-021-DRY BLOCK/DQO

- Temperature: Ambient + 7 ° C to 150 ° C;
- Temperature Controller: Microprocessed digital with PID system and RBC calibration certificate;
- Sensor: Type "J" thermocouple;
- Accuracy:  $\pm 1^{\circ}\text{C}$ ;
- Uniformity:  $\pm 2^{\circ}\text{C}$ ;
- Timer: Digital - Programmable HH: MM. Automatic heating shutdown at the end of the programmed time;
- Quantity: 1 interchangeable aluminum block;
- Block capacity (to choose): - 28 housings with  $\varnothing 16 \times 85 \text{ mm}$  - 28 housings with  $\varnothing 16.5 \times 70 \text{ mm}$  (Compatible with COD tubes YSI brand) - 40 housings with  $\varnothing 11 \times 35 \text{ mm}$  - 40 housings with  $\varnothing 13.5 \times 55 \text{ mm}$ ;
- Cabinet: In carbon steel with anti-corrosive treatment and electrostatic painting;
- Safety: Shielded resistance avoiding contact with the reagent;
- Dimensions:  $W = 225 \times D = 340 \times H = 140 \text{ mm}$ ;
- Weight: 8,8 KG;
- Power: 450 Watts;
- Voltage: 220 Volts;
- Include: - 01 Interchangeable aluminum block - 01 Handle for removing the block - 02 extra fuses - Instruction Manual and Warranty Term;
- Note: Does not come with the tubes;

### Benefits and Advantages

- High precision controller capable of avoiding temperature fluctuations in the tubes, preventing sample degradation and ensuring homogeneity in sample heating
- Automatic disconnection at the end of the scheduled time, allowing the analyst to be autonomous during the work routine
- Extruded aluminum block that allows good conservation and temperature distribution
- Wide temperature range, enabling use in various applications
- Lightweight and compact, it saves space where it is used
- Easy installation
- 304 stainless steel housing, ensuring a longer useful life for the equipment
- Block carrying handles facilitating sample movement
- Flexibility in the choice of accommodation (4 sizes available)
- Possibility of adaptation in the block and in the housing according to the client's needs