



DRY BLOCK

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