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DIGITAL CONTROL KJELDAHL DISTILLER

TE-037/1

Used to determine nitrogen/protein in flasks, with Kjeldahl type condenser.

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Technical Characteristics

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- Temperature range: Ambient +10 to 450°C;
- Temperature controller: Digital microprocessor, PID with individual control;
- Control accuracy: +/-1°C;
- Temperature sensor: Type J thermocouple (one for each test) installed in the base block;
- Capacity: 06 simultaneous tests;
- Resistance base: Individual aluminum with recess to accommodate the flask base;
- Resistance: Shielded type in 304 stainless steel;
- Condensers: Borosilicate glass;
- Flask support: 3-finger clamp at the top and stainless steel clamp at the bottom;
- Distiller support: Allows the use of 250/500 ml flasks for collection;
- Cabinet: Carbon steel with anti-corrosion treatment and electrostatic paint;
- Dimensions: L=810 W=400 H=900 mm;
- Weight: 15 kg;
- Power: 4000W;
- Plug/Socket: Industrial standard 32A 2P+T;
- Voltage: 220V+/-5% 50/60Hz;

Benefits and Advantages

- Works with up to 6 tests with independent temperature programming
- Can be used individually for a single sample
- Interconnected piping system for use with a thermostatic bath, ensuring significant water savings
- Porcelain flask guides providing good stability for the glassware set
- Hot area protection system: user safety
- Quick-change glassware with ground fittings for convenience
- Good heat retention, demonstrating better thermal conservation from one sample to another thanks to the porcelain resistance system
- Glassware adjustment system with front and rear articulation clamps for agility
- Easy maintenance
- Rapid heat transfer to the sample, making the exercise agile
- Heating indication for control and analyst safety
- Strict quality control, in which checks and tests ensure the perfect functioning of the equipment, providing safety and customer satisfaction
- Customer service to answer questions and provide explanations about the equipment and methodologies