



# ***NITROGEN DISTILLER***

***TE-0364***

Used for distillation of ammoniacal nitrogen, total volatile bases (BVT) and nitrogen/protein analysis by the Kjeldahl method after the digestion process.

## Technical Characteristics

### TE-0364

- Temperature control: Analog;
- Control panel: With visual indicators for heating and boiler level;
- Boiler: In built-in borosilicate glass with semi-automatic filling;
- Sensor: For boiler level indication;
- Security: Acrylic protector on the front;
- Glassware: Kjeldahl type connection with borosilicate glass dosing cup and Stop-flow valve;
- Distillation capacity:  $\pm 18$  ml/minute;
- Cabinet: Stainless steel 304 Polished;
- Water inlet system: 2 independent water inlets;
- - One to feed the boiler: To use water at room temperature;
- - One to feed the condenser: Allows the use of water with temperatures below the ambient, providing the use of thermostated baths in order to increase the efficiency of color change in the condenser;
- NOTE: Never use the water inlet of the boiler with a thermostated bath;
- Dimensions: W=290 x D=330 x H=730 mm;
- Weight: 13 kg;
- Power: 1500 Watts;
- Voltage: 220 Volts;
- ACCOMPANIES: - 01 Ø25 x 250 mm micro tube with borosilicate glass edge - 02 extra fuses - Instruction Manual with Warranty Term;

## Benefits and Advantages

- Presence of LED indication of boiler heating and water level, greatly increasing the levels of safety of equipment use
- Compact and easy-to-handle equipment
- It has a power variable (dimer) that varies the resistance power, providing greater security to the analyst
- Contains power sink for heat dissipation from the power inverter, which provides longer life useful to the equipment
- Built-in borosilicate glass boiler with semi-automatic filling and internal installation for larger safety
- It has a Stop Flow valve with the possibility of adjusting the terminal by screw, inside the glassware, providing a long period of work without the need to change it due to wear and tear
- Distillation capacity:  $\pm 18$  ml/minute, providing greater efficiency and speed during the process
- Presence of an acrylic protector on the front of the equipment, also improving the safety of the analyst
- Possibility of using both micro and macro tubes, providing practicality and flexibility
- Contains separate boiler and condenser water inlets, there is the possibility of using a bath thermostated for cooling the condensers, providing water savings
- Rigid Quality Control, in which checks and tests ensure 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 clients needs, makes the equipment already of line a special equipment.