



NITROGEN DISTILLER

TE-0364/1

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

Technical Characteristics

TE-0364/1

- Control panel: Equipped with a 4.3-inch touchscreen display;
- Interface languages: Portuguese and Spanish;
- Steam flow regulation: Adjustable from 10% to 100%;
- Boiler: Made of borosilicate glass, featuring internal illumination, level indicator, and automated refilling system;
- Distillation tube protection: Tubes protected by acrylic structure;
- Kjeldahl connection: Includes a borosilicate glass dosing cup and Stop-flow valve;
- Distillation capacity: Approximately 18 ml/minute;
- Cabinet structure: Manufactured in injected PU and 304 stainless steel;
- Water inlets: Independent inlet system for the condenser and the boiler;
- External dimensions: 450 mm (width) x 360 mm (depth) x 730 mm (height);
- Weight: 35 kg;
- Power: 1500 Watts;
- Power supply: 220V+/-5% 50/60Hz;

Benefits and Advantages

- Easy and safe operation, with software-based control
- Control panel with a 4.3" touchscreen display
- Steam flow regulation (10% to 100%), ensuring process flexibility
- Software control, allowing configuration of steam flow regulation, activation of boiler filling, and boiler lighting
- Boiler made of borosilicate glass, robust and durable
- Boiler with internal lighting for better visualization
- Automatic level control with on-screen indication, increasing safety and ease of use
- Distillation tubes protected by an acrylic structure
- Front acrylic shield for enhanced protection during operation
- Independent water inlets for the boiler and condenser: possibility of using a thermostatic bath for cooling, reducing water consumption
- Strict quality control: inspections and tests ensure proper equipment operation, providing safety and customer satisfaction
- Specialized support, offering assistance for questions and guidance on the equipment and