+55 (19) 2105-6161
comex@tecnal.com.br

3-SAMPLE NITROGEN DISTILLER

TE-0365/1

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

João Leonardo Fustaino, nº 325 Distrito Industrial
Uninorte Piracicaba/SP-Brasil • CEP 13.413-102

+55 (19) 2105-6161
comex@tecnal.com.br

Technical Characteristics

TE-0365/1

- Temperature control: Digital, by 0-100% percent PWM;
- Control Panel: - With visual indicators for heating and boiler level - Selection key that allows the use of one, two or three tests - Anti-vandalism on/off switch;
- Steam boiler: - In built-in stainless steel with automatic filling - One for each test - Independent drain - Flexible boiler washing system preventing contamination;
- - Supply: Automatic;
- Level sensor: - For boiler level indication - Independent supply - Activation of the Resistance only after the first filling - Activates the supervision system to turn off the resistance bank in case of lack of water;
- Physical Security: - Acrylic protector on the front one per test Tube Fixing Bracket - For micro tube and macro tube use - Ergonomic manual tightening system - Recess on the upper face for liquid collection;
- Glassware: - Three Kjeldahl fittings with borosilicate glass dosing cup on the front and Stop-flow valve - Support for collection glassware: Retractable. The bracket goes into the panel;
- Distillation capacity: Macro Tube: 13.7 +/-1 ml/minute each test Micro Tube: 13.4 +/-1 ml/minute each test;
- ** It may vary according to condenser inlet water conditions such as thermostating, line pressure and inlet temperature;
- Cabinet: In stainless steel 304, with plastic material on the front, top and side;
- Dimensions: W=750 x D=430 x H=650 mm;
- Weight (Empty Boiler): 54 kg;
- Power: 2500W;
- Voltage: 220V +/-5% 50/60Hz;
- ACCOMPANIES: - 03 Ø25 x 250 mm micro tube with borosilicate glass edge - 5M silicone hose 204 - Instruction Manual with Warranty Term;

+55 (19) 2105-6161
comex@tecnal.com.br

Benefits and Advantages

- Sample number selection option (1, 2 or 3), providing agility and at the same time economy power
- Automatic boiler refueling (independent levels), visual indication by light signal
- Possibility of using a thermostated bath (TE-183) for cooling the condensers, it provides water economy
- Case enveloped with anti-corrosive material, ensures a longer useful life of the equipment
- Dosing cup in the frontal region, providing agility to the analyst
- Glassware retention register on the front
- Acrylic tube protector providing greater security
- New robust and stable test tube fixation system, providing safety
- Upper part of the tube fixing system with recess for collecting surplus
- Digital panel with control of the steam rate in the boiler via PWM from 0 to 100%
- 304 stainless steel boiler with drainage
- Water shortage protection system
- Jacket system for boiler preheating
- Retractable back panel that allows easy access for cleaning and maintenance
- Modern design with easy access panel
- 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 client needs, makes the equipment already of line a special equipment.

Related Products


MICRO DIGESTOR BLOCK


THERMOSTATIC BATH


MACRO DIGESTOR BLOCK