



# **AUTOMATIC NITROGEN DISTILLER**

**TE-0366**

Used for distillation of ammoniacal nitrogen, total volatile bases and protein and nitrogen analysis using the Kjeldahl method.

## Technical Characteristics

### TE-0366

- Temperature control: In boiler Via PWM;
- Temperature sensor: PT 100;
- Control HMI: Touch Scream Type 7;
- Automatic steam generation: Through boiler;
- Boiler Water Supply: Automatic by level control;
- Automatic dosage: Soda and distilled water;
- Dosing accuracy :  $\pm 2\text{ml}$ ;
- Protection system: Against overheating and automatic heater shutdown in case of water shortage;
- \*\* Borosilicate glassware with Kjeldhal connection;
- \*\* Capacity to store up to 10 different schedules;
- Distillation capacity:  $11 \pm 2 \text{ ml/minute}$ ;
- \*\* Stainless steel cabinet with electrostatic painting and anti-corrosive treatment;
- Dimensions: W=480 x D=480 x H=950 mm;
- Weight: 21 kg with the Empty Boiler;
- Power: 1550W;
- Voltage: 220V +/-5% 50/60Hz;
- ACCOMPANIES: - 01 micro tube Ø25 x 250 mm with borosilicate glass edge - 5M silicone hose 204 - 0.5m of marprene hose Ø4.8 #1.6 - Instruction manual with warranty term;

## Benefits and Advantages

- Automatic dosage of reagents and water, greater protection for the analyst and greater accuracy in dosages
- Automatic cleaning system, provides convenience
- 7-inch touch screen, provides agility
- Option to choose languages: Portuguese, Spanish and English
- It has a removable splash tray
- Automatic boiler filling
- Easy removal of the boiler for cleaning
- Fully enclosed, having an acrylic protector that provides greater security
- New teflon test tube fixation system with thread, providing security
- 304 stainless steel boiler with drainage, withstands high temperatures and high pressure
- Protection system against lack of water and security against overheating
- It has electrical protection circuit breaker
- Jacket system for boiler preheating
- It has memory, allows recipes to be saved, providing convenience
- Hose at the condenser outlet, allows adjustment according to the used distillate collection container
- Modern design with easy access panel
- Rigid Quality Control, in which checks and tests guarantee 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

