



# **CYANIDE DISTILLATION SYSTEM**

**TE-126**

Used for cyanide distillations in water analysis of effluent treatment plants according to Standard Methods for the Examination of Water and Wastewater.

## Technical Characteristics

### TE-126

- Temperature: Ambient +7 ° C to 200 ° C;
- Temperature controller: Microprocessed digital with PID system and RBC calibration certificate;
- Sensor: Type "J";
- Control accuracy:  $\pm 1$  ° C;
- Uniformity:  $\pm 2$  ° C;
- Heating block: Cast aluminum;
- Capacity: 8 tests;
- Valves: Individual valves for better control of bubbling;
- Safety: Shielded resistance avoiding contact with reagents;
- Cabinet: 304 stainless steel;
- Dimensions: W = 630 x D = 150 x H = 820 mm;
- Weight: 30 kg;
- Power: 1700 Watts;
- Voltage: 220 Volts;
- Accompanies: - 02 extra fuses - 08 Ø50x250 mm macro tubes in borosilicate glass - Instruction Manual and Warranty Term;

## Benefits and Advantages

- Capacity of up to 8 samples providing agility
- It has a microprocessor controlled temperature (PID) and RBC calibration certificate which causes less temperature variations
- The temperature controller is separated from the block to avoid being harmed by the heating for a longer useful life
- Armored resistance in the equipment itself avoiding the contact of the solvent with the heating system avoiding accidents and providing security
- The block follows the shape of the reboiler bottom avoiding breaks
- Possibility of using a thermostatic bath to cool the condensers ensuring great water savings
- Suspension system with funnel lock and condenser to facilitate the removal of the trailer providing practicality
- Borosilicate glassware resistant material
- Glassware: presence of joint connection to avoid loss of samples
- Glassware: joints of glassware with a trailer are easy to fit allowing quick sealing and dynamic fit
- Flat-bottomed Reboiler allows to be left standing when out of the equipment
- It has individual valves (8) to regulate the bubbling
- Teflon tubes inert and resistant material
- Cabinet in stainless steel 304 providing greater durability
- Gallery with handles for easy transport
- Strict Quality Control in which checks and tests guarantee the perfect functioning of the equipment providing safety and customer satisfaction
- Customer service to answer questions and provide explanations about the equipment and methodologies
- Possibility of adaptations according to the needs of the customer makes the equipment already in line a special equipment.