



# **FIBER DETERMINATER**

## **TE-149**

Used in analysis of crude fiber (FB) neutral detergent fiber (FDN) and acid detergent fiber (FDA) by Weende and Van Soest methods.

## Technical Characteristics

### TE-149

- OFFICE OF the FIBER YOU, 149, gabinete, built-in carbon steel, coated in white, camera, digestion, entirely constructed in 304 stainless steel with polished finish and a capacity of up to 3000 ml, cap, condenser, in borosilicate glass, allowing the display, support for up to 30 tests is divided into 10 discs, drilled, easy to use, move reciprocante provided by the motor, the highly-silent-25-OPM-fixed, controller, temperature is microprocessor controlled with a range of up to 120°C with an accuracy of  $\pm 0.5^{\circ}\text{C}$ , and sensor type PT 100, along with a Certificate of Calibration, CBR, resistance of the stainless steel, self-timer, electronic digital tuning MM:SS, with a buzzer that alerts you to the end of the programmed cycle \*;
- Shake on/off switch \*;
- Dimensions: L = 450 P = 300 A=490mm;
- Weight: 17 Kg;
- Power: 1100 Watts;
- Voltage: 220V;
- Accompany: 200 bags and 1 sealer;

## Benefits and Advantages

- Compact and easy-to-handle equipment
- Capacity of up to 30 samples providing agility since a large number of samples can be carried out
- It has a microprocessed temperature control (PID) and RBC calibration certificate which makes for smaller temperature variations providing better control accuracy
- PT-100 Sensor the most accurate
- It has digital timer-programmable MM: SS with alarm at the end of the programmed time providing practicality
- Vat dyes designed to collect condensate from the outside
- Vat dyes plates and Rod in 304 stainless steel providing greater durability
- Easily dismountable dish basket for convenience
- It has special welding reinforced in the vat dyes so that reagents do not damage the bottom of it
- Borosilicate glass condenser for condensation of the solvent recovering the evaporated and avoiding waste
- It has a stand that allows you to bucket the condenser or the dishes for practicality
- It has resistance protection grid providing safety
- Accompanies sachets and sealer to seal the sample sachets
- Motor with reduction which provides torque
- Presence of IEC C14 power connector (socket) with Fuse port for practicality since it allows the exchange and use of cables regardless of the standard
- Easy maintenance equipment
- A thermostatic bath (such as the TE-2005) can be used to cool the condenser providing great water savings
- Strict quality control in which checks and tests ensure the perfect operation 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 line equipment a special equipment.