



# ***PEPSIN DIGESTIBILITY OVEN***

***TE-029/1***

Used in feed laboratories for analysis of pepsin digestibility and protein solubility in 0.2% KOH

## Technical Characteristics

### TE-029/1

- Temperature Range: Ambient +7°C to 60°C;
- Temperature control: Digital microprocessor with PID system and RBC calibration certificate;
- Temperature sensor: PT-100;
- Control accuracy:  $\pm 0.3^{\circ}\text{C}$ ;
- Uniformity:  $\pm 1.0^{\circ}\text{C}$ ;
- Rotation Range: 5 to 50 RPM;
- Accuracy:  $\pm 2$  RPM;
- Speed control: Analog via potentiometer with speed reading directly on the frequency inverter;
- Amplitude of shaking:  $360^{\circ}$ ;
- Motor: 1/3 three-phase with reducer;
- Transmission system: Via synchronized belt;
- Timer: Digital - Programmable HH: MM With Alarm at the end of the programmed time;
- Safety: Acrylic cover on the front and safety system that allows operation only with the cover closed;
- Cabinet: In carbon steel with anti-corrosion treatment and electrostatic painting;
- Dimensions: L=740 x D=550 x H=450 mm;
- Weight: 35 kg;
- Power: 650W;
- Voltage: 220V +/-5% 50/60Hz;
- This product comes with the items: - 02 extra fuses - 20 250 ml Amber glass bottles, with cap - Instruction manual with warranty term;

### Benefits and Advantages

- Compatible with official methodologies (AOAC and Brazilian Compendium of Animal Nutrition)
- Circular air outlet, providing homogenization in the heating system
- Capacity for up to 20 samples, optimizing the analysis routine