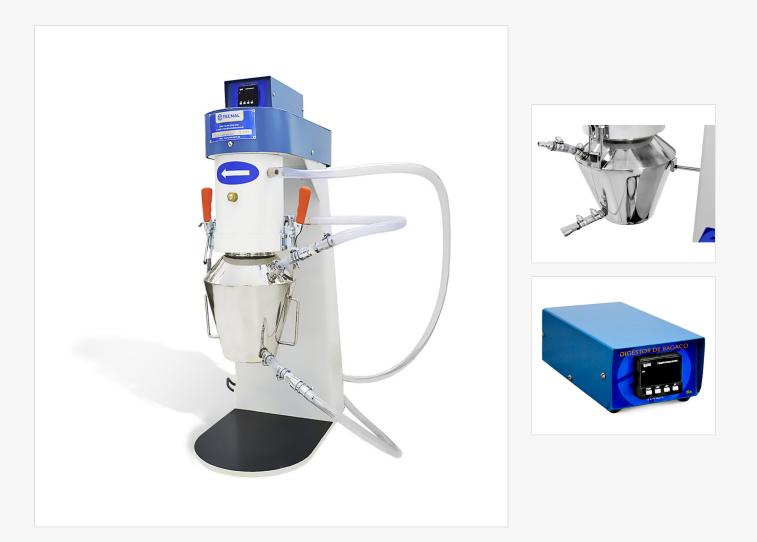


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BADGE DIGESTOR

TE-0501

Used for the digestion of bagasse of sugar cane, for further analysis of percentage by mass of apparent sucrose (POL) and total reducing sugars (ART).



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



Technical Characteristics

TE-0501

- Rotation: Fixed at 7000 RPM:
- Engine: 2 HP three-phase induction;
- Bearing: With cooling system and exclusive lubrication system;
- Cup: Cooled in polished 304 stainless steel, spouts Dimensions: W=300 x D=500 x H=760 mm; with quick coupling and capacity of 4 liters;
- Fixing the cup: Side grips with safety locks (quick coupling);
- Knives: 2 rectangular pieces of 24x90mm in 1070 cutting steel;
- Safety: Belt circuit breaker and protective cover;
- Base: With rubber coating;

- Shaft: In 304 stainless steel and knife fixation system;
- · Cabinet: In carbon steel with anti-corrosive treatment and electrostatic painting;
- Weight: 90 kg;
- Power: 1200 Watts;
- Voltage: 220 Volts three-phase;
- ACCOMPANIES: 01 stainless steel cooling cup 304 - 02 hoses with quick coupling - Instruction Manual with Warranty Term;





Benefits and Advantages

- It has a circuit breaker, which is electrically safer than traditional fuses (which cannot be applied at high powers)
- It has a protective cover for the belt, which promotes the isolation of the operator from the moving parts of the equipment
- It has a timer with an audible alarm that indicates the end of the extraction, thus benefiting the analyst, who does not need to manually set this time
- Easily programmable
- Carbon steel structure with anti-corrosive treatment and electrostatic painting, increasing lifespan useful equipment
- Base with rubberized coating, reducing the risk of accidents due to the existence of a smaller area slippery at the base of the equipment, providing physical stability
- Bearing with a cooling system that prevents premature wear of the gears and an exclusive system that facilitates lubrication
- Cup with side handles and locks for quick coupling, providing greater security to the analyst
- Stainless steel shaft that is more resistant to corrosion
- Stainless steel bowl
- Protection system that prevents the knife from working without the cup being attached
- 220 Volts three-phase equipment
- Standardized industrial plug
- Important for the preparation of the sample that will be analyzed later to determine the quality of sugar cane
- Compact, saves space where it's used
- South Africa type knife shape, which allows larger and faster extraction
- Easy installation and use
- It has a refrigeration system that prevents the sample from overheating, preventing degradation of present sugars





- It can be used together with the TE-186 thermostatted bath, generating enormous water savings
- 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's needs, makes the equipment already of line a special equipment.

