



BALL MILL

TE-500/1

Used for grinding various types of materials with application in the areas of research, mining, food, agriculture (seeds, fertilizers, etc.), metallurgical, electrical, pharmaceutical, cosmetics, etc. The grinding is performed through high-energy impacts between sample and balls, and by the friction of the balls against the jar wall, providing the obtainment of fine particles/dust.

Technical Characteristics

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- Motor: Three-phase induction ;
- Rollers: Coated with natural rubber ;
- Rotation: Adjustable up to 300 RPM ;
- RPM Indication: Digital ;
- Rotation control: Analog with digital display;
- Cabinet: In carbon steel with anticorrosive treatment and electrostatic painting;
- Capacity: Up to 2 1 liter jugs (not included);
- Power: 120 Watts ;
- Dimensions: W= 620 x D= 435 x H= 290 mm;
- Weight: 30 kg ;
- Voltage: 220 V 50/50 Hz ;
- Accompanying: Instruction manual with guarantee term. Extra fuse.;

Benefits and Advantages

- Compact equipment with easy operation/programming
- Obtaining particles with fine and homogeneous granulometry
- There is no heating of the sample during milling, preserving its properties
- Versatile equipment, suitable for a wide variety of samples and flasks
- Suitable for grinding samples with hard or soft consistency
- Flexibility by allowing jars of 3 and 5 liters by adjusting the movable shafts
- The external coating of the roller shaft in natural rubber is wear-resistant to increase the coefficient of friction and prevent deformation of the sliding jar
- Induction motor, which enables long working period without interruption.