



SOIL GRINDER

TE-330/2

Used for soil preparation for subsequent analyses.

Technical Characteristics

TE-330/2

- Fixed rotation speed: 1750 rpm $\pm 10\%$;
- Sealed induction motor: 1/4 HP;
- Rotor: Made of 304 stainless steel and movable hammers made of 316L stainless steel;
- Cabinet: Made of 1020 carbon steel with electrostatic powder coating and anti-corrosive treatment;
- Access lid to the grinding chamber: For easy internal cleaning;
- Protective cover: Preventing access to moving parts during operation;
- Grinding chamber: Made of 304 stainless steel;
- Safety features: Electronic interlock system that prevents operation when doors are open;
- Timing system: That prevents access to internal parts while the equipment is still in motion;
- Emergency: Stop button;
- Button panel: For door opening;
- Standardized: ON/OFF switch;
- Indicator lights: For emergency and power-on status;
- Dimensions: W=385 mm D=540 mm H=570 mm;
- Weight: 48 kg;
- Power: 250W;
- Operating voltage: 220 V $\pm 5\%$, 50/60 Hz;
- Supplied with: - Sample collector with 2.0 mm mesh screen in 304 stainless steel - Digital instruction manual with warranty certificate ;
- Safety standard: • Complies with CE safety standards (European Certification) • Relevant EU directives 2023/1230/EU – Machinery; 2014/35/EU – Low Voltage • Applied harmonized standards EN ISO 12100 EN IEC 62321-1 EN IEC 62321-2 EN IEC 62321-3-1 EN IEC 61010-1 EN IEC 61010-2-201;

Benefits and Advantages

- Simple operation
- Continuous-flow grinding, providing agility in sample preparation
- Wide outlet, facilitating the collection of the ground sample
- Access cover to the chamber for easy cleaning
- Grinding chamber without sharp edges, preventing material accumulation and allowing quick cleaning
- Robust equipment, capable of working with soils of different classes and particle sizes
- Emergency stop button
- Interlock system that prevents operation with open doors
- Indicator lights: emergency and power-on status
- Strict quality control: inspections and tests ensure proper equipment operation, providing safety