ROTARY EVAPORATOR
TE-213

Used for sample concentrations and solvent distillations under controlled temperature and vacuum.

Technical Characteristics

TE-213

- Temperature: Ambient +7°C to 90°C;
- Temperature controller: Digital microprocessor with PID system and RBC calibration certificate;
- Temperature sensor: Type "pt-100";
- Control accuracy: ±1°c;
- Rotation: 15 to 100 rpm;
- Travel system: Vertical, manual, with an inclination of approximately 30°;
- Vacuum: Up to 700 mmhg;
- Resistance: Stainless steel armored;
- Flow from the vat: Through drain spout;
- Glassware: Serpentine condenser, 1000 ml collection flask and 1000 ml evaporation flask in borosilicate glass;
- Cabinet: In carbon steel with anti-corrosive treatment and electrostatic painting;
- Bowl dimensions: 250 mm;
- Volume: 4 liters;
- Dimensions: l=330 x p=320 x a=500 mm;
- Weight: 11 kg;
- Voltage: 220v +/-3% 50/60hz;
- Power: 1100w;
- Glass shaft: With 24/40 conical joint;
- Tap: With 20/40 conical joint;
- Collector balloon: With 35/20 ball joint;
- Boiling flask: With 24/40 conical joint;
- Condenser: With 20/40 conical joint;
- This product comes with the items: - 02 extra fuses - 02 plastic clips - Glassware, faucet with teflon hose - Instruction manual with warranty term;

Benefits and Advantages

- Digital microprocessor controller with PID system, which provides more precise and stable control, with the final temperature reached faster and more homogeneously

- Modern layout and intuitive panel, facilitating user programming

- The use of vacuum allows the reduction of the boiling point of the solvent, preserving thermosensitive samples

- It allows the joint use with a thermostated bath for condenser cooling, increasing efficiency and guaranteeing great water savings

- Drain with valve, to facilitate the flow of water from the vat

- Standardized electrical panel, ensuring safety and facilitating maintenance

- Metal anti-vandalism button that remains illuminated when the equipment is on and makes it difficult to turn it off involuntarily.