



# VACUUM AND PRESSURE PUMP

## TE-0581/1

Used for vacuum applications in rotary evaporators, vacuum ovens, desiccators, filtrations, etc. This pump is compatible with most laboratory applications that require vacuum, where chemical resistance and dry operation (oil-free) are key factors in choosing the equipment.

## Technical Characteristics

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- Compressor: Teflon-coated piston, oil-free ;
- Vacuum: 0 to  $\pm 620$  mmHg relative to atmospheric pressure;
- Pressure: 0 to 30 lbf/in<sup>2</sup> relative to atmospheric pressure;
- Flow rate: 25 liters/minute ;
- Compressor: 1/4 HP ;
- Gauge: With analog indicator for vacuum and pressure regulation ;
- Safety: Device for humidity/contamination indication ;
- Cabinet: Stainless steel 430 with electrostatic painting and anti-corrosion treatment ;
- Dimensions: L=345 x W=380 x H=260 mm ;
- Weight: 10.1 kg ;
- Power: 190 W ;
- Voltage: 220 V  $\pm 5\%$  ;
- Frequency: 50-60 Hz ;
- Includes: - 02 Extra fuses - 01 Power cord - Digital Instruction Manual with Warranty Terms;

## Benefits and Advantages

- Compressor: Oil-free piston ensures a longer lifespan for the equipment
- Longer lifespan: Stainless steel cabinet for greater durability and corrosion resistance
- Easy handling: Built-in handles for easy transport
- Compact equipment: Takes up little space in the laboratory
- Quieter operation: Low noise and vibration emissions
- Equipped with thermal protection
- Dual function: Can operate in both vacuum and pressure lines
- Adjustable control: Pressure or vacuum regulation via the return valve
- Safety: Moisture/contamination indicator helps identify system saturation
- Thermal efficiency: Better heat dissipation, allowing continuous operation at ambient temperatures from 20°C to 25°C
- International standard: Equipped with an IEC plug
- Strict quality control: The equipment undergoes tests and verifications to ensure perfect operation, providing safety and reliability
- Specialized support: Technical assistance to answer questions and provide guidance on equipment use