



TORONTECH



PRESSURE HYDROMETER CYLINDER BATH

Pressure Hydrometer Cylinder Bath TT-1657A

Pressure Hydrometer Cylinder Bath complies with ASTM D1657, the Standard Test Method for Density or Relative Density of Light Hydrocarbons by Pressure Hydrometer.

Pressure Hydrometer Cylinder Bath TT-1657A is utilized for testing the density or relative density of light hydrocarbons, including liquefied petroleum gases (LPG) with Reid vapor pressures exceeding 101.325 kPa (14.696 psi).

APPLICATIONS

The primary application of the Pressure Hydrometer Cylinder Bath TT-1657A is to provide a precisely controlled temperature environment for testing the density and relative density of light hydrocarbons.

It is specifically used for:

- Testing light hydrocarbons in compliance with the ASTM D1657 standard.
- Determining the density of Liquefied Petroleum Gases (LPGs) that have a Reid vapor pressure exceeding 101.325 kPa (14.696 psi).

FEATURES

- Pressure Hydrometer Cylinder Bath TT-1657A shell is constructed from high-quality cold-rolled steel plate, treated with electrostatic spraying and high-temperature baking, making it easy to clean and resistant to corrosion.
- It features an fully enclosed compressor with a self-protection function.
- The system will sound alarms if the temperature exceeds safe levels.
- A high-power magnetic circulation system ensures uniform temperature distribution.

- The bath is made of ultra-thick plexiglass, providing transparency for easy observation.
- Pressure Hydrometer Cylinder Bath TT-1657A is equipped with a microcomputer controller, PID function, and digital display temperature (continuously displayed during testing).
- The cylinder comes with a thickened transparent protective cover to ensure the operator's safety.

TECHNICAL SPECIFICATIONS

1. Rated Voltage: AC 220V $\pm$ 10%, 50Hz (110V also available)
2. Temperature Controlling Range: 15 $\square$ 20 $^{\circ}$ C
3. Temperature Controlling Precision: $\pm$ 0.1 $^{\circ}$ C
4. Total Power: 1500W
5. Tube Diameter: 6mm
6. Working Pressure: 1.4MPa



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