

Reid Method Vapor Pressure Tester

This vapor pressure tester is designed to measure the vapor pressure of volatile petroleum products using the Reid method. It is suitable for testing gasoline, volatile crude oil, and other similar products.



Overview

Precision Reid Method Testing

The Reid Method Vapor Pressure Tester is a specialized instrument engineered for the precise measurement of vapor pressure in petroleum products. Featuring a highly stable, temperature-controlled water bath, it ensures consistent testing conditions critical for quality control and safety assessments in refining and distribution. This apparatus integrates digital monitoring with robust pressure gauges and specialized testing cylinders to deliver reliable, industry-compliant results.

Electrical & Power

Heating Power

| | |
|-------------------------------------|------------------------------------|
| 1600 W Water Bath Heating | 1700 W Total Consumption |
|-------------------------------------|------------------------------------|

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|---------------------|---------------------|
| Power Supply | AC 220 V±10%, 50 Hz |
|---------------------|---------------------|

Performance Metrics

Temperature Control

| Parameter | Value |
|---------------|------------------------|
| Control Range | Room temperature to 90 |
| Accuracy | ±0.1 |

| | |
|--------------------------------|-------|
| Pressure Meter Accuracy | 0.4 % |
|--------------------------------|-------|

Operating Environment

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- Ambient temperature: -10 to 35
- Relative humidity: d85%