



# VP TE-1000AE

## Micro Vapor Pressure Tester



Accurate



High Efficiency



Convenient



Stable performance



The VP TE-1000AE is an automatic and rapid testing instrument for liquid volatility, developed using the triple expansion method. It accurately measures the vapor pressure of substances like gasoline, aviation gasoline,

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## Product Features

- Employs the internationally advanced triple expansion method.
- No sample pre-treatment required, with one-button completion of experimental operations.
- Fully automated detection eliminates errors from manual operations.
- Requires 1 mL of sample, yielding results in 10 minutes.
- Flexible setting and automatic detection of multiple temperature points, quickly generating temperature-pressure reference charts.
- A unique cleaning method effectively controls sample cross-contamination, enhancing detection efficiency and precision.
- Maintenance-free measuring chamber, suitable for high-intensity testing tasks.
- Role-based user access control allows for management of different account levels.
- USB plug-and-play interface with optional thermal printer for convenient data management.
- User-friendly human-machine interaction, easy to learn, understand, and operate.
- 7-inch color touchscreen supporting Chinese input with direct and simple operations.

## Technical Specifications

Operating Environment	5 °C to 40 °C, < 85% RH
Temperature Range	0 – 120 °C
Temperature Stability	± 0.1 °C
Pressure Detection Range	0 – 1000 kPa
Pressure Resolution	0.01 kPa
Repeatability	≤ 0.3 kPa (@ 37.8 °C, 70 kPa)
Reproducibility	≤ 0.7 kPa (@ 37.8 °C, 70 kPa)
Sample Test Amount	1 mL (about 10 mL sample is needed for rinsing)
Gas-to-liquid ratio	0.02:1 – 4:1
Interface	RS232 × 1, RJ45 × 1, USB × 2
Power Supply	AC 220 V, 50 Hz
Rated Power	150 W
Dimension	225 mm × 290 mm × 390 mm
Weight	12 kg

## Test Standards

SH/T 0769 SN/T 2932 ASTM D6378 SH/T 0794  
 ASTM D5191 GB/T 8017 ASTM D323 EN 13016-1  
 IP 394

## Application Fields



Petroleum



Environment



Food



Medicine

