

Petroleum Products Aniline Point Tester

This aniline point tester determines the lowest temperature at which a light petroleum product sample and aniline will dissolve into a single liquid phase. The instrument uses an electric heater to heat the sample, manually adjusts the controlling temperature, and stirs the sample using a stepless speed regulation motor, with automatic endpoint detection and sound/light alarms.



Product Overview

Precision Aniline Point Testing

The PT-D611-262 Aniline Point Tester is engineered for accurate determination of the aniline point in petroleum products, identifying the lowest temperature at which a sample and aniline dissolve into a single liquid phase. Designed in strict compliance with GB/T262 and ASTM D611 standards, this instrument ensures reliable results for quality control and research applications. It features manual temperature control, a variable speed stirring motor, and an automated end-point detection system with audible and visual alarms for enhanced operational efficiency.

Technical Specifications

Measurement Range

150 °C

Max Temperature

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|----------------|--------------------|
| Power Supply | AC 220V±10%, 50 Hz |
| Heating Power | 25 W |
| Stirring Speed | 0 - 1200 r/min |

Dimensions and Build

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|-------------------|-----------------------|
| Device Dimensions | 360mm x 250mm x 545mm |
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Standards and Compliance

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|----------------------|---------------------|
| Standards Compliance | GB/T262, ASTM D 611 |
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Operational Features

Key Operational Features

- Manual temperature control
- Stepless speed regulation motor
- Automated end-point detection
- Audible and visual alarm system