

SULFUR LAMP METHOD UNIT



Sulfur Lamp Method Unit TT-1266

Sulfur Lamp Method Unit TT-1266m Method Unit aligns with the ASTM D1266 Standard Test Method for Sulfur in Petroleum Products (Lamp Method). This apparatus facilitates the determination of total sulfur content.

The TT-1266 model includes 5 flasks, while the TT-1266A model comes with 7 flasks for increased testing capacity.

APPLICATIONS

The primary application of the Sulfur Lamp Method Unit TT-1266 is to determine the **total sulfur content in petroleum products** using the classic lamp method, in compliance with the **ASTM D1266** standard. The test involves the controlled combustion of the sample, followed by the analysis of the combustion products to measure the sulfur. This is a fundamental quality control test to ensure products meet sulfur-related specifications for regulatory and performance reasons.

Key Industries

- **Petroleum Refining:** Refineries use this method for quality control on a variety of lighter petroleum streams and finished products where sulfur content is a critical specification.
- **Petrochemicals:** The petrochemical industry uses this test to check the sulfur content of feedstocks, such as naphtha. Sulfur can poison catalysts used in many chemical processes, so its level must be strictly monitored.
- **Third-Party Testing Laboratories:** These independent labs provide analytical services to the broader petroleum and chemical industries and need to maintain the capability to perform standard test methods like ASTM D1266 for their clients.

FEATURES

- The apparatus features a unified structure and is equipped with both 5-tube and 7-tube devices, enhancing working efficiency.
- The glassware stand incorporates organic glass panels, ensuring safety and reliability.
- High-quality lamps and needle valves are utilized in the apparatus.
- Stainless steel pipelines and standard glass beads are used in the construction of the apparatus.
- The burning lamp pedestal is outfitted with a lift-adjusting device, facilitating easy adjustment.
- A suction pump, characterized by its small size and low noise, is integrated into the apparatus.
- It offers easy operation, with a rational construction and an attractive appearance.

TECHNICAL SPECIFICATIONS

1. Rated Voltage: AC220V $\pm$ 10% 50Hz (110V also available)
2. Glassware Components: 5 tubes (7 tubes)
3. Suction Pump: 220V 60W
4. Ambient Requirements: Temperature: 10~40°C; Humidity not exceeding 85%



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