

Asphalt Wax Content Analyzer

This asphalt wax content analyzer determines the wax content in asphalt materials. It uses controlled cooling and filtration to isolate and quantify wax components within asphalt samples.



Overview

Precision Asphalt Analysis

The Asphalt Wax Content Tester is a specialized laboratory instrument designed for the precise determination of wax content in petroleum asphalt. Utilizing advanced distillation and cooling methods, it ensures accurate isolation and quantification of wax components. This floor-standing unit is built to comply with rigorous industry standards, making it an essential tool for petrochemical refineries, road construction quality control, and research laboratories.

Technical Specifications

Power Supply	AC 220V \pm 10%, 50 Hz
Heating Power	700 W
Cooling Power	1000 W
Total Power Consumption	1800 W

Performance Metrics

Key Performance Indicators

1200 RPM

Stirring Speed

0.5 °C

Temp Accuracy

3 pieces

Sample Capacity

Operating Environment

Operating Environment

Parameter	Range/Limit
Ambient Temperature	-10 °C to 30 °C
Relative Humidity	< 85%

Features

Design & Construction

- Floor-standing structure
- Dewar flask large-diameter constant temperature bath
- High-efficiency cooling and filtering system
- Air circuit distributor for convenient operation
- Pt100 temperature sensor

Compliance

Industry Standards

SH/T0425, JTJ052, T0615-2000