

Petroleum Wax Oil Content Analyzer

This analyzer determines the oil content of petroleum wax with a congealing point higher than 30°C and an oil content of no more than 15%. It cools samples in methyl ethyl ketone to separate wax, filters the mixture, and evaporates the methyl ethyl ketone to calculate the oil content.



Product Overview

Precision Analysis for Petroleum Waxes

The Petroleum Wax Oil Content Analyzer is a specialized instrument designed for determining the oil content in petroleum waxes with high accuracy. It features an integrated temperature-controlled bath, a precise flow meter, and a sample chamber designed for efficient wax dissolution and separation. This apparatus is essential for ensuring the quality and purity of waxes used in critical applications like food packaging, cosmetics, and pharmaceuticals.

Technical Specifications

Cooling Bath Temperature

-35 °C

Cooling Bath Temp

Evaporation Temperature	35 °C
Wax Melting Bath Temperature	Room temperature to 90
Timing Range	0 to 60 min
Air Flow Rate	10 L/min

Electrical Requirements

Power Supply	AC 220V±10%, 50 Hz
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Features & Safety

Key Features

- Digital display for real-time monitoring
- Solvent recovery system to minimize environmental impact
- Over-temperature protection
- Solvent leak detection