

Asphalt Content Tester for Asphalt Mixtures

This laboratory instrument determines the asphalt content in asphalt mixtures. The tester uses the ignition method to measure the asphalt content by burning off the asphalt binder and determining the weight loss.



Product Overview

High-Efficiency Combustion Testing

The Asphalt Content Tester is a specialized laboratory instrument designed for the precise determination of asphalt content in mixtures using the combustion method. This environmentally friendly system eliminates the need for hazardous solvents, ensuring a safe and rapid testing process for quality control in road construction and research environments. By utilizing an automated ignition process, it delivers highly repeatable results that comply with international testing standards.

Standards Compliance

Compliance Standards	ASTM D6307/98, AASHTO IP53-95, BS DD250
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Technical Specifications

Measurement Accuracy

0.1 %

Asphalt Content Accuracy

Maximum Sample Weight	2000 g
Recommended Sample Weight	1000~1500 g
Typical Test Time	20~30 minutes

Furnace Details

Combustion Chamber Size	350x440x330 mm
Max Working Temperature	800 °C
Standard Working Temperature	538 °C

Balance System

Balance Accuracy	0.1 g
Full Scale Capacity	10 kg

Electrical Requirements

Power Supply	380V±5% (Three-phase, Star shape)
Maximum Current	20 A