

Marshall Stability Tester for Bituminous Mixtures

This Marshall stability tester is designed for determining the stability and flow values of bituminous mixtures. It features a robust loading frame, adjustable crosshead speed, and an integrated digital display for real-time monitoring of load and displacement.



Overview

Precision Marshall Stability Testing

The Marshall Stability Tester is a high-precision instrument engineered for determining the stability and flow values of bituminous mixtures. Compliant with ASTM D1559 and AASHTO T245 standards, it features a robust loading frame with an adjustable crosshead speed to ensure consistent, accurate testing results. This system is an essential tool for asphalt laboratories, research institutions, and quality control facilities requiring reliable performance and seamless data acquisition.

Technical Specifications

Maximum Load Capacity	50 kN
Loading Rate	50.8 mm/min
Displacement Resolution	0.01 mm

Features & Capabilities

Key Features

- Robust loading frame
- Adjustable crosshead speed
- Integrated digital display
- Data acquisition system for logging and analysis
- Integrated temperature control unit

Compliance Standards	ASTM D1559, AASHTO T245
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Performance Metrics

Core Performance Metrics

50 kN Max Load	50.8 mm/min Load Rate	0.01 mm Resolution
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