

Automatic Asphalt Wheel Tracking Tester

The automatic wheel tracking tester is designed for evaluating the rutting resistance of asphalt mixtures. It simulates the repeated rolling action of vehicle tires on pavement surfaces, allowing for precise measurement of rut depth and deformation characteristics under controlled temperature and loading conditions.



Product Overview

Precision Asphalt Testing

The Automatic Asphalt Wheel Tracking Tester is a sophisticated laboratory instrument designed to evaluate the rutting resistance of asphalt mixtures. By simulating the repeated rolling action of vehicle tires on pavement surfaces, it provides precise measurements of rut depth and deformation characteristics under strictly controlled temperature and loading conditions. This system is essential for quality control, pavement design, and advanced research, ensuring reliable and repeatable performance assessment.

Key Features

Core Capabilities

- Automated wheel tracking system
- Advanced temperature control
- Integrated data acquisition
- Rut depth measurement
- Deformation analysis

Applications

Primary Applications

Laboratory Research, Quality Control, Pavement Design

Performance Metrics

Testing Metrics

1 Level

Wheel Tracking Automation