

Asphalt Mixture Density Tester

This tester accurately determines the theoretical maximum specific gravity and density of asphalt mixtures. It is crucial for quality control and research in asphalt pavement construction.



Overview

Precision Asphalt Testing

The DSHD-0711A Asphalt Mixture Theoretical Maximum Specific Gravity and Density Tester is a professional-grade instrument designed for the vacuum method analysis of asphalt mixtures. It is essential for determining the theoretical maximum specific gravity and density, which are critical metrics for asphalt mixture ratio design, void percentage calculation, and road surface construction quality management. This robust system ensures reliable data collection for both laboratory and field environments.

Technical Specifications

Power Supply	AC 220 V \pm 10%, 50 Hz
Container Capacity	4300 ml
Vacuum Pump Power	160 W
Vibrator Power	30 W
Pressure Range	0~730 mmHg

Dimensions

Dimensions (L x W x H)

510 mm
Length

520 mm
Width

380 mm
Height

Usage Guidelines

Usage Restrictions

- Suitable for vacuum method specific gravity determination
- Used for mix ratio design and void percentage calculation
- Not suitable for porous mineral aggregate asphalt mixtures with water absorption rates exceeding 3%

Compliance

Industry Standards	JTJ052, Vacuum Method
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