

# Wet Wheel Abrasion Loss Tester

The wet wheel abrasion loss tester evaluates the abrasion resistance of materials under wet conditions. A rotating wet wheel applies controlled abrasive action to the sample, with adjustable parameters to simulate different wear conditions.



## Overview

### Designed for Asphalt Quality Assurance

The Wet Wheel Abrasion Loss Tester is a specialized instrument engineered to determine the resistance to abrasion loss of shaped emulsified asphalt slurry seal mixtures. By simulating real-world wear conditions, this device assists in identifying the preferred asphalt content within slurry seal mixtures. It is a critical tool for highway engineering laboratories focused on ensuring the durability and quality of bituminous materials.

## Technical Specifications

Motor Rotation Speed	1400 RPM
Grinding Head Rotation Speed	140 RPM
Grinding Head Revolution Speed	61 RPM
Grinding Head Working Weight	2.27 kg
Grinding Head Rubber Tube Length	127 mm

## Operational Parameters

Test Duration	5 minutes
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## Electrical Requirements

Power Supply	220 V, 50 Hz
Max Power Consumption	0.38 kW

## Dimensions and Weight

Dimensions (L x W x H)	600 x 480 x 845 mm
Total Weight	260 kg

## Compliance

Applicable Standards	JTJ052, T0752
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