

Rubber Wheel Abrasion Tester

This wet rubber wheel abrasion tester adheres to ASTM G65-04 standards. It assesses the performance of engineering plastics, powder metallurgy, alloy bearings, and other materials through sliding friction under specific conditions.



Product Overview

Wet Rubber Wheel Abrasion Tester

This advanced testing system is designed to evaluate the abrasion resistance of engineering plastics, powder metallurgy components, and alloy bearings according to ASTM G65-04 standards. The machine features a precise load application system and a versatile motor drive, allowing users to modulate speed, friction variables, and environmental conditions. Ideal for professional research and quality control, it delivers reproducible results through digital monitoring of spindle speed, cycle counts, and sample temperature.

Key Performance Metrics

Core Specifications

200 N

Max Test Force

2.2 kW

Input Power

200

Max Temperature

Technical Specifications

Spindle Performance

Parameter	Range/Value
Speed Adjustment	10 - 200 r/min
Speed Accuracy	1 r/min
Indication Accuracy	± 1%
Input Voltage	AC 380V

Operational Controls

- Cycle count: 1 - 9,999,999
- Sand flow rate adjustment: 10 - 500g/min
- Electrodeless loading via weight plate system
- Automatic alarm and shutdown upon test completion

Compliance and Quality

Standards & Certifications

ASTM G65-04, CE, ISO 9001:2000