

Mooney Viscometer for Rubber Vulcanization Testing

This Mooney viscometer determines the viscosity index of rubber during vulcanization. The sample is placed under specific temperature and pressure, and the rotor applies torque to measure the rubber's anti-shear properties.



Product Overview

Professional Mooney Viscometer

This precision instrument is engineered for rigorous rubber vulcanization testing, measuring Mooney viscosity and scorch characteristics in compliance with global standards. It provides highly accurate, repeatable results essential for quality control in the rubber, tire, and reclaimed rubber industries. Featuring advanced temperature control and a user-friendly interface, it streamlines testing workflows for research and development labs.

Compliance & Standards

Industry Certifications

ISO 289, ISO 667, ASTM D1646, GB/T 1232, GB/T 1233, CE

Technical Specifications

Temperature Performance

200

Max Temperature

0.01

Display Resolution

0.3 ±

Control Accuracy

Mechanical Specifications

Parameter	Specification
Rotor Speed	2 ± 0.02 rotation/min
Torque Range	0–200 Mooney Value
Torque Resolution	0.1 Mooney Value
Calibration Accuracy	± 0.5 Mooney Value

Print & Data Output

- Date and Time
- Temperature
- Mooney Scorch Curve
- MV, T5, T35, T3, T18, @15, @30

Electrical

Power Supply

220V ± 10%, 50Hz