

# 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