



Mooney Viscosity Testing Machine – GenMooney

Standards: [ASTM D1646](#), [ISO 289](#), [ISO 667](#), [GB/T 1233](#)



ULTIMATE USER-FRIENDLINESS



LEADING DEPENDABILITY AND RELIABILITY



STRICT COMPLIANCE WITH INDUSTRY STANDARDS



STOCKED CONSUMABLES AND SPARES



TRUSTED AFTER SALES TECHNICAL SUPPORT



LIFETIME PRODUCT SUPPORT ADVANTAGE

Description

GenMooney is a Mooney viscosity testing machine that is applied to measure the viscosity of unmixed or mixed unvulcanized natural rubber, synthetic rubber, and regenerated rubber. This tester has many functions such as fast warming, maintaining temperature, data stability, etc. It is equipped with an automated calibration feature for a simple data calibration of each experiment.



[GET A QUOTE](#)

Mooney Viscosity Operation Video

Mooney Viscosity Testing Machine Features

- Integrated multiple functions: early vulcanization, Mooney viscosity and stress relaxation can be tested in the same machine.
- Accurate temperature measurement and control: strict inspection of temperature calibration process.
- Flexible and accurate torque measurement: includes pressure reduction gear box, high precision sensor and a data acquisition system.
- High data reproducibility and stable electrical properties of the complete machine



- Intelligent software providing the strong data inquiry function, and humidity design, with a user friendly interface
- The test model has the graphs for upper die temperature and lower die temperature viscosity.

Watch Video



Watch the Mooney Viscosity Testing Machine – GenMooney product video.

[WATCH ON YOUTUBE](#)



Data and Test Results

- Minimum Mooney value within 30s before the finish
- Mooney viscosity value after the MY - (viscosity) time is expired.
- TR80-Required time when the stress relaxation is 80%
- MY-T - Mooney value of the corresponding time
- LM-Min 11m to torque value of minimum Mooney viscosity value in scorch test
- MI - initial Mooney viscosity
- Me - Mooney viscosity value
- MRe - Mooney stress relaxation test



Mooney Viscosity Testing Machine Technical Specifications

Temperature range	Room Temperature to 200°C
Temperature accuracy	±0.°C
Temperature display resolution	0.1 °C
Rotor frequency	2 ± 0.02rpm
Mooney viscosity range	0 to 200 Mooney
Torque unit	kg-em , lb-in, N-m Mooney
Test time	setting freely when modified in the middle
Control	By computer
Air pressure	65psi (4.6bar) Not including air compressor
Specimen dimension	5cm
Display	NextGen-Software
Dimension (W x D x H)	12.2 x 22 x 24.40-inches 31 x 56 x 62cm
Weight	770 lbs / 350kg
Power	110V/60Hz or 220V/50Hz

[GET A QUOTE](#)