



Mooneyline Viscometer Variable Speed

Built to Last

- Prescott Instruments is a U.K. company with **over 30 years' experience in material testing**.
- We manufacture all instruments **onsite in the U.K.** under **ISO 9001** and our in-house laboratory team perform all **instrument calibrations** under **ISO 17025**.
- Our **Mooneyline Viscometer VS** is the **perfect choice** for modern laboratories at all stages of the rubber production process.
- Its **precision, reliability and durability** make it an indispensable instrument for laboratory professionals worldwide.

Built to Last

- **Reliability:** Our Mooneyline Viscometer VS is the perfect blend of traditional principles and the latest modern technology, revolutionising this laboratory classic.
- **State of the Art:** The microprocessor-based PID control system enables complete confidence in maintaining the die temperature throughout the testing process.
- **Accuracy:** Fully compliant with international standards and with temperate control accuracy of $\pm 0.03^{\circ}\text{C}$.



Built to Last

- **Enhance the range of data calculated per test** with our **adjustable rotor speeds of 0.1 to 20 RPM** (especially useful for testing tyre compounds and polymers).
- This **extra functionality produces accurate data** on a variety of elastomeric compounds, making this an **impeccable choice** for polymer specialists.
- Our signature **Labline software** allows unlimited test data points and comes complete with a **calibration module**.
- The **Mooneyline Viscometer Variable Speed** can perform a **wide range of advanced tests** to regulate the viscosity of polymer samples at varied speeds and temperatures.
- **Simplicity of design** means you can replace components easily and affordably.



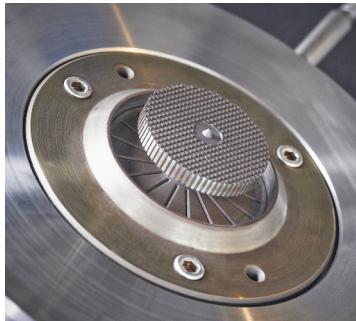
Mooneyline Viscometer Variable Speed

Technical Specification

Standards	ISO No. 289 / ASTM D1646
Die Configuration	Standard
Rotor	Large or Small
Rotation Speed	Varied 0.1 to 20 RPM
Calibration	Fully Automatic
Types of Test	Real time display of: - Mooney Torque - Temperature of upper and lower dies - Calculation of Viscosity (MI1+4) - Scorch, Delta Mooney, Stress Relaxation index
Temperature Control	3 Term PID – Control Accuracy ± 0.03 °C
Electrical	Single Phase 220/240V 50Hz 110V 60Hz 350 VA
Pneumatics	Filtered Air, Min: 0.41 Mpa 60 psi 4.14 Bar 4.2 kg/cm
Weight	205 kg
Dimensions	575 mm x 570 mm x 1280 mm (W x D x H)
PC Specification	Pentium processor, networkable
Optional Extras	Mooneyline Volumetric Sample Cutter

Capabilities

- » Mooney Viscosity
- » Mooney Scorch
- » Stress Relaxation
- » Area Under The Curve
- » Delta Mooney
- » Linear Speed Variation



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