



Prescott
instruments

Mini Mooneyline Viscometer

A Trusted Name in Material Testing

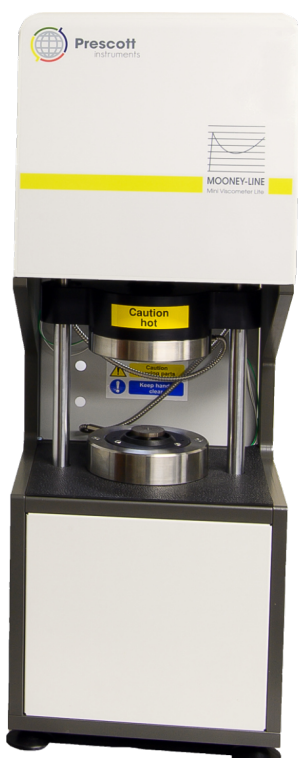
- Prescott Instruments Ltd. is a **U.K. company** with **over 30 years' experience** in material testing.
- We manufacture all instruments **onsite in the U.K. under ISO 9001** and our in-house laboratory team perform all **instrument calibrations under ISO 17025**.
- This **Mini Mooneyline Viscometer** 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

- **Durability:** The high-stiffness steel frame is **robust enough to withstand the demands** of a busy production environment with the high precision performance to match.
- **Reliability:** Expertly-crafted construction provides **stability and reliability** even when testing the hardest of materials.
- **Unique:** Our bespoke **high-end electronics** ensure the highest data sampling rates available.

Repeatability & Connectivity

- The **Mooneyline Mini Viscometer** is a sleek and **compact version** of our full sized Mooneyline Viscometer.
- This instrument is supplied with everything you need to perform **reliable and efficient elastomeric compound testing**.
- Equipped with **advanced programming capabilities** for assessing the **Stress Relaxation** index of material samples.
- **Simplicity of design** means you can replace components **easily and affordably**.
- The **Mini Mooneyline Viscometer** meets the requirements of ASTM D1646 and can perform **industry standard tests**.
- This instrument supports **ODBC Database Connections Microsoft Access®, Microsoft SQL Server, IBM DB2**, and is operated through an intuitive and easy to use Windows-based software system.



Mini Mooneyline Viscometer

Technical Specification

Standards	ISO No. 289 / ASTM D1646
Die Configuration	Standard
Rotor	Large or small
Rotation Speed	2 RPM (0.21 Radians/Sec)
Temperature Range	Ambient to 225 °C
Temperature Control	3 term PID, control accuracy +/- 0.03 °C
Calibration	Weights
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
Units of Measurement	Torque in Mooney units. Temperature in Fahrenheit or degrees Centigrade. Time, min/sec, min/decimal, seconds.
Types of Test	Real time display of: - Mooney Torque - Temperature of upper and lower dies - Calculation of Viscosity (ML1+4) - Scorch
Data Format	All data stored in accessible format allowing easy export to all other packages: SQL, Access
PC Specification	Pentium processor, networkable
Weight	65 kg
Dimensions	300 mm x 300 mm x 870 mm (W x D x H)

Optional Extras Mooneyline Volumetric Sample Cutter

Test Points	
Initial	MX
Minimum (ML)	TX
Maximum (MH)	TY
Final	X
Time Gate Mooney A	Delta
Cure Index Mooney B	Delta
Slope (a) (r)	Correlation

NOTICE: Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof. Prescott Instruments Ltd. Make no representation or warranties as to the completeness or accuracy thereof. Information is supplied upon the conditions that the persons receiving same will make their own determination as to the suitability for their purposes prior to use. In no event will Prescott Instruments Ltd. Be responsible for damages of any nature whatsoever resulting from the use or reliance upon information for the product, equipment or system to which information refers. Nothing contained herein is to be construed as recommendation to use any product, equipment, system, process or formulation in conflict with any patent, and Prescott Instruments Ltd. makes no representation or warranty, express or implied, that the use thereof will not infringe any patent, except for the limited warranty set forth in Prescott Instruments Ltd. standard sales contracts for its equipment and services.

PRESCOTT INSTRUMENTS LTD. MAKES NO REPRESENTATIONS OR WARRANTIES WHETHER STATUTORY, EXPRESS OR IMPLIED, OF MERCHANT ABILITY FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE WITH RESPECT TO THE INFORMATION OR PRODUCT, EQUIPMENT OR SYSTEM TO WHICH INFORMATION REFERS.

© 2016 Prescott Instruments Ltd.

Prescott Instruments Ltd. Unit F, Northway Trading Est, Northway Lane, Tewkesbury, Gloucestershire, GL20 8JH UK
Tel: +44 (0) 1684 274300 ; sales@prescott-instruments.com ; www.prescott-instruments.com



Certificate No. 3088



Cert #4023.01