

PREMIER™ MV

Mooney Viscometer

▶ Designed to test raw elastomers or mixed rubber, the Premier™ MV measures viscosity, scorch, and stress relaxation.



▶ With an all-new compact design, the Premier™ MV features multi-zone stress relaxation data analysis as well as up to a 45% reduction in die cooling time in comparison to previous models. These updates, along with the new user interface, keep the Premier™ MV at the forefront of viscometers on the market today.

PREMIER™ MV

Mooney Viscometer

Performance

With an all-new compact design including an integrated storage drawer, the Premier™ MV boasts a 45% reduction in die cooling time in comparison to previous models. The Premier™ MV also includes standard multi-zone stress relaxation and a variable speed digital motor. These features are useful for molecular characterization of polymers and obtaining advanced processing information such as identifying thixotropic materials. In addition, the end user experience has been improved and simplified through the addition of automatic dead weight calibration, allowing calibration of the instrument in seconds. A new rotor detection sensor safe guards the instrument and rotor from damage due to a misaligned rotor.

Features

Dynamic Symmetry™

Smart Alignment™

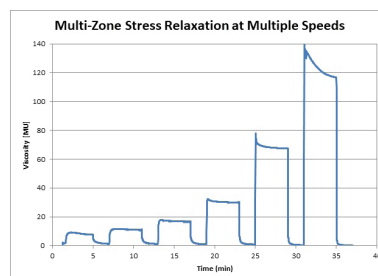
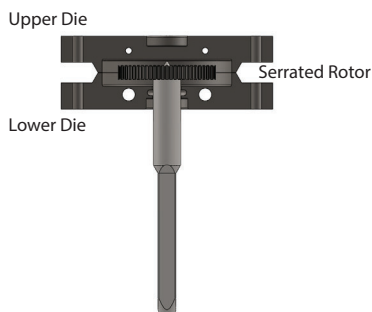
Low mass dies and proprietary digital temperature control

Benefits

A system that ensures dies remain parallel to reduce variation

A system that ensures excellent die cavity sealing for better repeatability

Provide superb temperature stability



Specifications

Temperature Range:	Ambient to 392°F (200°C)	Testing Standards:	Meets ASTM D1646 and D3346
Rotation:	0.01 to 20 RPM	Air Pressure:	60 psi (414Kpa, 4.2 kg/cm ²) minimum
Electrical:	100/110/120/130 VAC ± 10%, 50/60 ± 3 Hz, 10 amp single phase. 200/220/240/260 VAC ± 10%, 50/60 ± 3 Hz, 5 amp single phase.	Dimensions:	Width: 22 in (56 cm) Height: 48 in (122 cm) Depth: 26 in (66 cm)
LCD Screen:	6.1 in x 3.3 in (155 mm x 85 mm), Resolution 800 x 480	Weight:	Net 350 lbs (159 kg)