

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.



ALPHATECHNOLOGIES

PREMIER™ MV

Mooney Viscometer

alpha-technologies.com

Features



- Standard variable speed digital motor
- Multi-zone stress relaxation data analysis
- Up to 45% reduction in die cooling time
- Automatic dead weight calibration
- Rotor detection feature prevents rotor damage
- Small and Large Rotors Included
- Compact Design with integrated storage drawer

Performance



- Low mass dies and proprietary digital temperature control provide superb temperature stability
- Excellent repeatable and reproducible data
- Instrument specifications exceed ASTM requirements
- DYNAMIC SYMMETRY™ - A system that ensures parallel die closing, reducing variation
- SMART ALIGNMENT™ - A system that ensures excellent die cavity sealing for better repeatability

Options



- Constant volume sample cutter
- Long Life rotor seal
- Multiple languages available

Specifications



Testing Standards: ASTM D1646 and D3346
Temperature: Ambient to 392°F (200°C)
Rotation: 0.01 to 20 RPM
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
Air Pressure: 60 psi (4.2 kg/cm² 414 kPa) Minimum
Dimensions: W: 22 in (56 cm), D: 26 in (66 cm), H: 48 in (122 cm)
Weight: Net 159 kg (350 lb)
LCD Touch Screen: 155mm x 85mm, resolution 800 x 480

