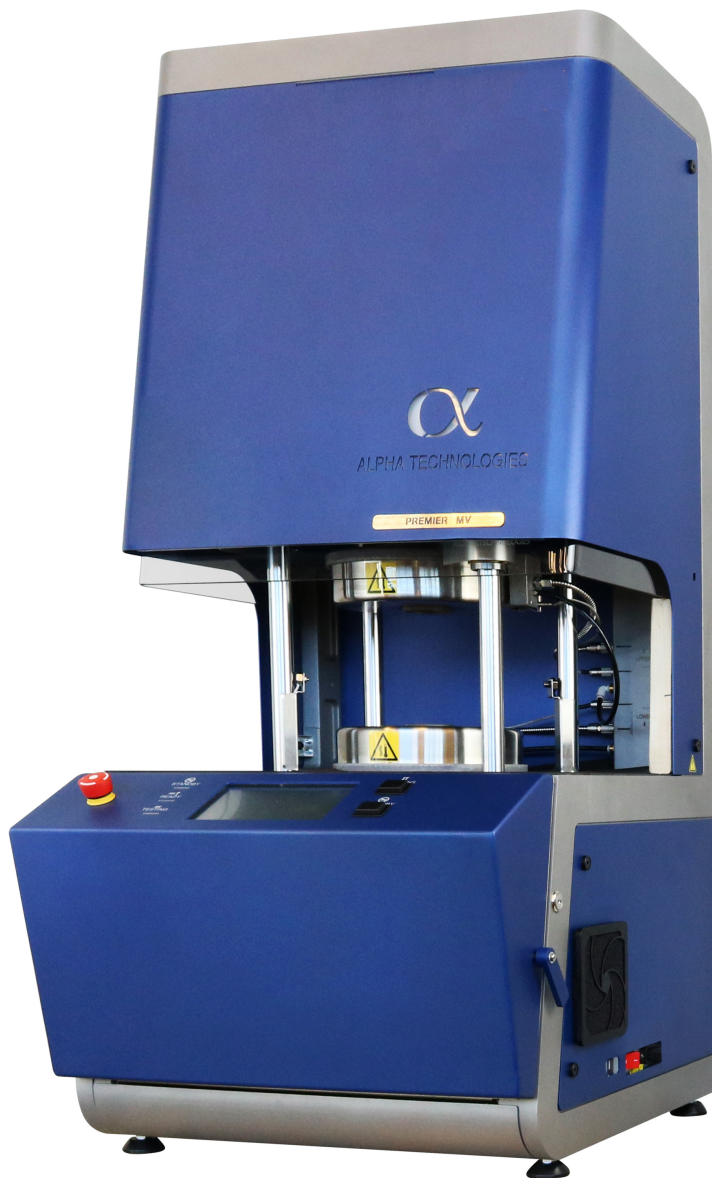


# PREMIER™ MV

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.



ALPHA TECHNOLOGIES

## Features



- Standard variable speed digital motor
- Dynamic Symmetry™ and Smart Alignment™
- 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

## Options



- Constant Volume Sample Cutter
- Long Life Rotor Seal

## Specifications



Testing Standards: ASTM D1646 and D3346  
Temperature: Ambient to 200°C  
Rotation: 0.01 to 20 RPM standard  
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/cm<sup>2</sup> 414 kPa) Minimum  
Dimensions: Width 56 cm (22 in), Height 122 cm (48 in), Depth 66 cm (26 in)  
Weight: Net 159 kg (350 lb)  
Languages: Multiple languages available

