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MV-6000 門尼粘度機 Mooney Viscometer

ASTM D1646-2017、GB/T 1233-2008、GB/T 1232.1-2016、ISO 289-2-2016、ISO 289-1-2015

門尼粘度機是一款符合多項國際標準的高精度測試設備，用於測定生膠或混煉膠的粘度及焦燒性能，為橡膠加工提供關鍵資料支援。該設備採用先進的電腦控制系統，實現智慧化操作與資料分析，大大提高測試效率和準確性。

The Mooney viscometer is an essential instrument for determining the Mooney viscosity, Mooney scorch, and stress relaxation behavior of raw and compounded rubber. It is widely used to evaluate rubber processability, optimize production processes, and support formulation adjustment, helping manufacturers achieve optimal processing performance. Equipped with an advanced computerized control system, the instrument supports comprehensive data analysis, greatly enhancing testing efficiency and measurement accuracy.

試驗模式 Test mode	Viscosity門尼粘度、scorch門尼焦燒、應力鬆弛 Mooney Mooney viscosity, Mooney scorch, and stress relaxation
溫度控制方式 Temperature control	專有智慧數位溫度控制器 Dedicated digital temperature controller
溫度範圍 Temperature range	常溫 Ambient temperature ~ 200°C
溫度顯示分辨率 Temperature display resolution	0.01°C
溫度控制精度 Temperature control stability	±0.1°C
溫度偏差 Temperature accuracy	≤±0.3°C
試驗溫度過熱 Over-heat control	≤設定溫度點 Set value+ 0.5°C
試驗溫度恢復時間 Temperature recovery time	≤50秒 sec
試驗溫度升溫時間 Heat-up time	25~100°C時間小於4分鐘 25 to 100°C within 4 min
門尼量程 Mooney range	250 MU
門尼顯示解析度 Mooney display resolution	0.001 MU
試驗轉速 Rotor speed	2.00轉/分鐘 rpm
試驗轉速偏差 Rotor speed accuracy	±0.01轉/分鐘 rpm
控制器 Controller	U70控制系統 U70 control system
校正 Calibration system	自動平衡、自動校準 Automatic balancing and calibration
試驗軟體 Testing software	Evolution·支援4台設備同時運行(需另購) (optional: supports multi-instrument connectivity for up to four machines; extra charge)
通訊方式 Communication interface	RJ45
電機 Motor	步進電機 Stepper motor
試驗氣源 Compressed air	3.5kg/cm²(0.35MPa) (氣源需客戶自備 supplied by customer)
體積 Dimensions	55×58×125cm (W×D×H)
電源 Power	1φ AC 220V 50/60Hz 2kW (依國別或指定 or specify)
重量(約) Weight (approx.)	167kg



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