

ZGT MV 3000AU

MOONEY VISCOMETER



- The ZGT MV 3000AU Mooney Viscometer measures the viscosity, scorch and stress relaxation of raw rubber or compounded rubber. It is used for determining the quality of rubber processing characteristics. By knowing the properties of Mooney viscosity and stress relaxation, the molecular weight and distribution range can be determined. The ZGT MV 3000AU is equipped with PC based dedicated software, accurate temperature control system and automatic calibration device.

STANDARDS

ASTM D1646-2017
GB/T 1233-2008
GB/T 1233.1-2016
ISO 289-2-2016
ISO-289-1-2015

Test mode	Mooney viscosity, mooney scorch, stress relaxation
Temp. control	PID control
Temp. range	Ambient temp. -200°C
Temp. display resolution	0.1°C
Temp. control stability	±0.1°C
Temp. accuracy	≤±0.5°C
Temp. recovery time	≤45 sec
Heating time	Ambient temp. -100°C < 6 min
Mooney range	250 MU
Torque display resolution	0.001 MU
Rotor speed	2.00 rpm
Rotor speed accuracy	±0.01 rpm
Controller	U70 Control system
Calibration system	Automatic balancing and calibration
Software	Evolution
Communication interface	RJ45
Motor	Stepper motor
Compressed air	3.5kg/cm ² (0.35MPa)(prepared by customer)
Dimension (W×D×H)	70 cm × 85 cm × 130 cm
Power	1φ AC 220V 50/60Hz 2kW (or you specify)

Note: Devotrans reserves the right to modify the equipment described in the brochure. The model in the picture may not be the latest one.

