

PMDR 2000™

The world standard for a rotorless curemeter to test rubber compounds

Features

- Robust cabinet for production environment.
- Sealed biconical dies.
- Low friction reaction torque measurement.
- Superb temperature stability and control.
- Repeatable and reproducible data.
- Meets ASTM D5289 and ISO 6502.
- Status lights give clear pass/fail decisions.
- Five-sample queuing system eliminates need to manually load and unload samples.
- Measures dynamic properties.
- Optional Enterprise Pathfinder software.

Specifications

OSCILLATION FREQUENCY:	100 cpm (1.67 Hz)
TEMPERATURE RANGE:	RT to 200°C
DATA POINTS:	ASTM plus many others depending on software systems selected
OUTPUTS:	Many options depending on software system selected
INSTRUMENT LANGUAGES:	English, French, Chinese, German, Italian, Japanese, Portuguese, Russian, Spanish, Slovak, Turkish
ELECTRICAL:	<ul style="list-style-type: none">• 100/110/120/130 VAC ±10%, 60 ±3 Hz, 10-amp single phase• 200/220/240/260 VAC ±10%, 50 ±3 Hz, 5-amp single phase
AIR PRESSURE:	60 psi (4.2 kg/cm ² 414 kPa) minimum
DIMENSIONS:	Width 68 cm (27 in), height 132 cm (52 in), depth 76 cm (30 in)
WEIGHT:	Net 177 kg (389 lb), gross 280 kg (616 lb)



PMDR 2000 without computer



Close-up of lower die

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PMDR 2000™

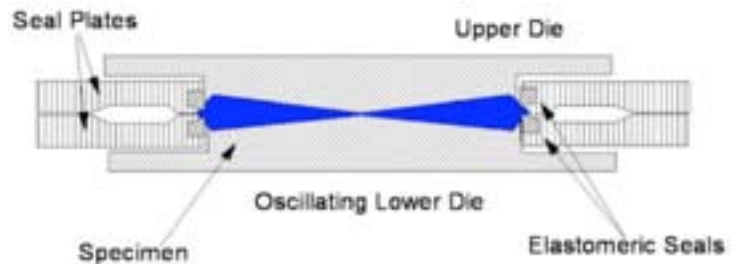
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Performance

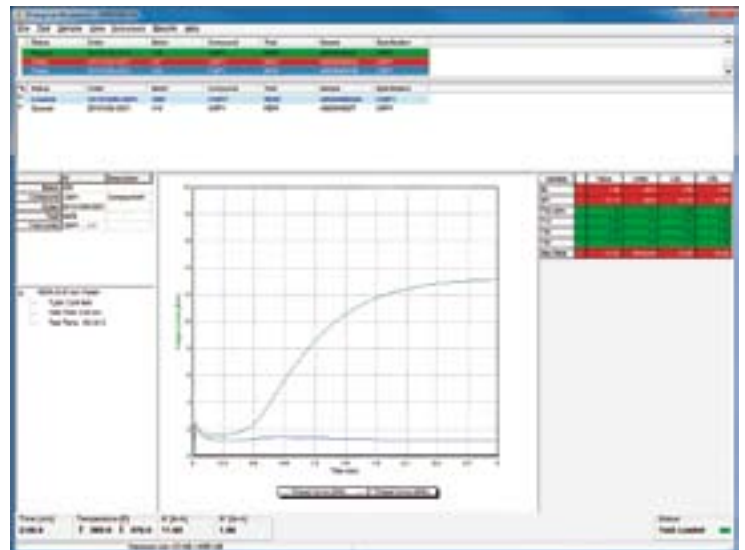
- Measure cure under nearly true isothermal conditions.
- Excellent test sensitivity to mixing errors.
- Limited operator influence.
- Designed for rapid batch release.

Options

- Strain angles: 0.2, 0.5, 1.0 and 3.0 degrees (2.8%, 7%, 14% and 42%).
- Sample cutter Model 2000R for rubber.
- Films to handle easy or difficult samples.
- Pressure measurements.
- Enterprise Pathfinder software system or the Eclipse software system to handle historical data.



Die configuration of PMDR 2000



Cure curves displayed by optional Enterprise software system