

# ODR 2000™

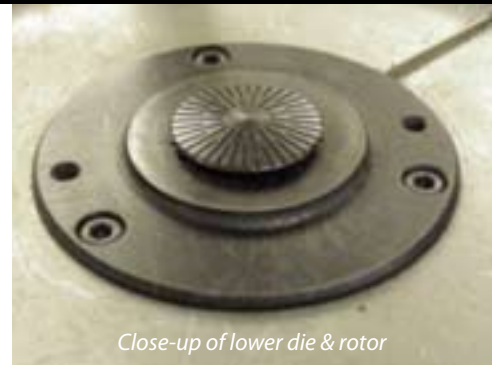
The world standard for the oscillating disc rheometer to test rubber compounds

## Features

- Meets ASTM D2084.
- Low mass die system and digital temperature control provide superb temperature stability and control.
- Repeatable and reproducible data.
- Does not require a PC or printer to run tests.
- The stiffest linkage and measurement systems in the industry provide good data on even the toughest compounds.
- Rapid rotor removal to simplify cleaning.

## Specifications

<b>OSCILLATION FREQUENCY:</b>	100 cpm (1.67 Hz)
<b>TEMPERATURE RANGE:</b>	RT to 200°C
<b>DATA POINTS WITHOUT OPTIONAL SOFTWARE:</b>	ML, MH, ts1, ts2, t10, t50, t90
<b>PRINTER OUTPUTS:</b>	Data points and/or graphical data versus time ( <i>S'</i> , temperature)
<b>INSTRUMENT LANGUAGES:</b>	English, French, German, Spanish, Dutch, Swedish, and Italian
<b>ELECTRICAL:</b>	<ul style="list-style-type: none"><li>• 100/110/120/130 VAC ±10%, 60 ±3 Hz, 10-amp single phase</li><li>• 200/220/240/260 VAC ±10%, 50 ±3 Hz, 5-amp single phase</li></ul>
<b>AIR PRESSURE:</b>	60 psi (4.2 kg/cm <sup>2</sup> 414 kPa) minimum
<b>DIMENSIONS:</b>	Width 68 cm (27 in), height 132 cm (52 in), depth 76 cm (30 in)
<b>WEIGHT:</b>	Net 177 kg (389 lb), gross 280 kg (616 lb)



[www.alpha-technologies.com](http://www.alpha-technologies.com)

# ODR 2000™

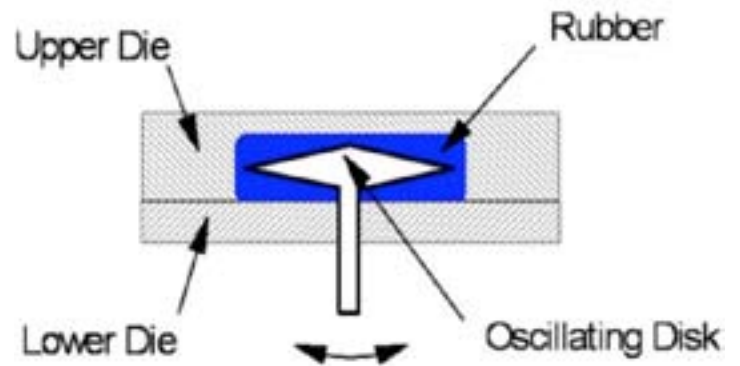
The world standard for the oscillating disc rheometer to test rubber compounds

## Performance

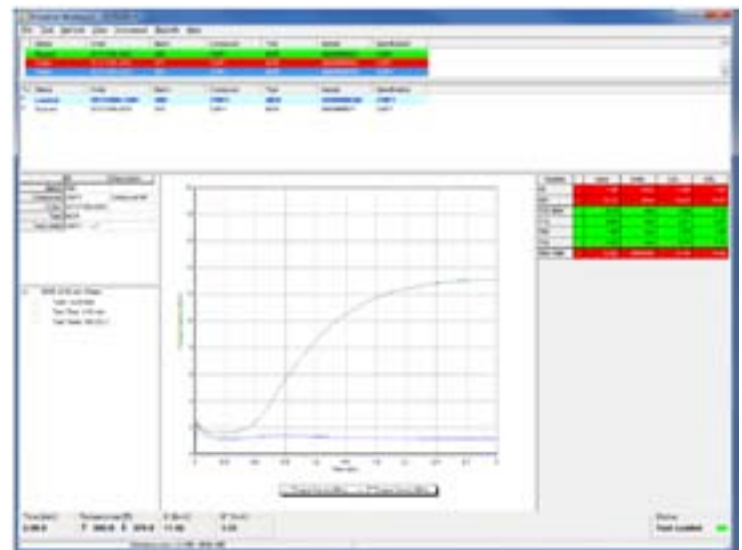
- Measure cure properties of rubber compounds.
- Good test sensitivity to mixing errors.
- Reduced operator influence.
- Suitable for quality control or research and development.

## Options

- High temperature: 250°C.
- Strain angles: 1.0 and 3.0 degrees (14% and 42%).
- Enterprise or Eclipse software systems for handling historical data.
- Sample cutter Model 2000R for rubber.



Die configuration of ODR 2000



Typical cure curve displayed by the Eclipse software system