

# Goodrich Flexometer Model II

Controlled stress dynamic mechanical tester for cured rubber specimens. Measures heat generation and permanent set in compression as well as blow-out time. Also measures dynamic mechanical properties in compression:  $E'$ ,  $E''$ ,  $E^*$  and  $\tan\delta$ .

## Features

- Meets ASTM D623 Method A.
- Direct drive with digital variable speed control.
- Automatic load leveling with non-contact sensors.
- Simplified stroke adjustment.
- Digital temperature control.
- Software included for data acquisition.
- Plot temperature and/or compression versus time.

## Specifications

<b>TEMPERATURE:</b>	23 to 120°C
<b>FREQUENCY:</b>	10 or 30 Hz
<b>STATIC LOAD:</b>	0 to 50 kg (0 to 110 lb)
<b>DYNAMIC STROKE RANGE:</b>	0 to 7.5 mm peak-to-peak
<b>SPECIMEN:</b>	Cylindrical shape, diameter 17.8 mm, length 25.4 mm
<b>DIMENSIONS:</b>	Width 76 cm (30 in), height 122 cm (48 in), depth 61 cm (24 in)
<b>WEIGHT:</b>	250 kg (550 lb)
<b>ELECTRICAL:</b>	110 VAC/60 Hz or 220 VAC/50 Hz, 20-amp



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

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## Performance

- Measure heat build up under compression.
- Computer controlled data collection.
- Suitable for quality control or research & development.

## Options

- Computer.

## Test Capabilities

- Temperature or heat buildup versus time.
- Strain under compression or compression set versus time.
- Recovered height.
- Dynamic properties in compression.