Wallace
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Specimen Preparation

Digital Bench Thickness Gauge

The Wallace Digital Bench Thickness Gauge accurately measures the thickness of rubber and similar soft materials using a constant pressure foot. The gauge conforms to international test standards and is widely used when testing rubber for tensile strength and compression.

The product is available with a 10 micron resolution gauge or a 1 micron resolution gauge.

Features

- **Constant foot pressure**
- **Easy Height adjustment**
- **Digital-resolution of 0.01mm (S4/14) or 0.001mm (S4/15)**
- **Adapts easily to various ISO standards (a range of different feet and weights is available)**
- **Gauge capable of PC interface**

Accessories

- Various diameter feet complying to a wide range of specifications can easily be attached to the dial gauge spindle.
- A range of additive weights can be placed in the carrier at the upper end of the spindle, which creates the specified foot pressure on the test piece.

Other Offers

Many other material standards available. Contact Wallace to discuss your requirements.

Principle of Operation

The 150mm diameter base provides a smooth flat surface upon which the test piece is placed. It is easy to exchange different feet and weights.

Throughout the dial gauge travel (25mm), a constant force on the spindle ensures the foot pressure on the test piece is constant.

A lifting lever attached to the indicator raises the spindle and foot, allowing easy location of the test piece.

Digital Bench Thickness Gauge

Specifications

Digital Bench Thickness Gauge		
	Model S4/14	**Model S4/15**
Part Number	WAS4/14	WAS4/15
Dimensions (mm)	200 (h) x 150 (w) x 150 (d)	200 (h) x 150 (w) x 150 (d)
Weight	3 kg	3 kg
Indicator Travel	25mm	25mm
Resolution	0.01mm	0.001mm
Feet Diameter	3.7mm and 5.5mm Standard ** Special feet available on request	
Weight	30g Standard * Various weights available on request	
Operating Temperature	10 to 40°C; Altitude 2000m maximum	
Humidity Range	10 to 80% RH non-condensing	

Standards

Sample Prep: ISO 23529, ASTM D3767