



# SAFE-GAUGE

## DIAL INDICATOR

### TECHNICAL DATA SHEET



Maximise Safety



Eliminate Live Work



Wireless up to 100m (328ft)



Purpose built for heavy industry

## OVERVIEW

The SafeGauge Dial Indicator (DI) allows workers to measure clearances, tolerances, wear and tear on machined components safely and efficiently.

With a Bluetooth range of 100 meters (328ft), the DI can connect to the Wireless MultiTool or MultiTool Pro.

Each DI is identified by the unique serial number etched on the device. It can also be set up with a custom title on the MultiTool or MultiTool Pro display. Users can set up their preference of metric or imperial units.

Using the heavy duty magnetic base ensures the DI is safely secured during use and provides maximum accuracy.

## APPLICATIONS

- Diagnostics and fault finding
- Measure part wear and tear
- Measure runout
- Measure deflection

## CAPABILITIES

- Measures displacement with a resolution of 0.01mm / 0.0005 inch
- Up to 100m (328ft) Bluetooth Range
- Compatible with the Wireless MultiTool and MultiTool Pro

**SPECIFICATIONS**

<b>ELECTRICAL</b>	
<b>Power connector</b>	5V DC Jack (contained within kit)
<b>Battery type</b>	Nickel Metal Hydride
<b>Charging</b>	To be charged by SafeGauge charging case only
<b>Operating time</b>	Up to 10 hours
<b>LED system</b>	Flashes blue when searching to connect, and green when connected
<b>Battery technology</b>	Internal NiMh (Nickel Metal Hydride) 2.4 volt pack
<b>Battery life cycle</b>	1,000 charging cycles
<b>Charging time</b>	4 hours
<b>Compliance</b>	Pending

<b>MECHANICAL</b>	
<b>Weight</b>	260g (9.2oz)
<b>Measurement range</b>	10mm (0.394in)
<b>Resolution</b>	+/- 0.01mm (0.0005in)
<b>Operating temperature</b>	0-60°C (32 - 140°F)
<b>Charging temperature</b>	0-40°C (32 - 104°F)

DISCLAIMER - While every effort has been made to ensure the accuracy of this document at the date of issue, SafeGauge assumes no liability resulting from any omissions or errors in this document, and reserves the right to revise content at any time.

**SPECIFICATIONS**

<b>MECHANICAL</b>	
<b>Maximum response speed</b>	9,144mm/sec (360in/sec)
<b>Measuring force</b>	3 N (0.01oz)
<b>IP rating</b>	IP43
<b>COMMUNICATION</b>	
<b>Radio type</b>	Bluetooth Low Energy (BLE)
<b>Maximum range</b>	100m (328ft)
<b>ENVIRONMENTAL</b>	
<b>Battery disposal</b>	When finished with a SafeGauge product please return to SafeGauge Pty Ltd for correct recycling, or follow your local area laws and guidelines for correct battery disposal.

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