

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

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

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

MECHANICAL	
Maximum response speed	9,144mm/sec (360in/sec)
Measuring force	3 N (0.01oz)
IP rating	IP43

COMMUNICATION	
Radio type	Bluetooth Low Energy (BLE)
Maximum range	100m (328ft)

ENVIRONMENTAL	
Battery disposal	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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