

# ***SAFE-GAUGE***<sup>®</sup>

**- WORK SMART · STAY SAFE -**



# **PRODUCT CATALOGUE**

# PRESSURE TRANSDUCER

## Safe, Accurate Remote Pressure Testing

The SafeGauge Pressure Transducer is available in kits of various quantities, configurable with different pressure ranges to suit any application.

### APPLICATIONS

- Fault finding/diagnostics, reporting
- Brakes/steering testing
- Hydraulic system testing/commissioning
- Engine commissioning
- Real-time remote monitoring
- SCAB (Steering Clutch & Brake) Calibration



### TECHNICAL SPECS

- Max fluid temperature: 85°C (185°F)
- Operating Time: Up to 36 hours
- Battery: Nickel Metal Hydride
- Charging Time: Up to 3 hours
- Maximum range: Up to 100m (328ft)



# DIAL INDICATOR

Measure tolerances remotely with ease.



## TECHNICAL SPECS

- Measuring up to 10mm of displacement
- 100m (328ft) Bluetooth Range
- Available in kits of up 4
- **Battery:** Nickel Metal Hydride
- **Operating Time:** Up to 10 hours

The Dial Indicator is a high-precision wireless device for measuring clearances, tolerances, offering remote testing, real-time data transmission, and a rugged design for industrial environments.



## APPLICATIONS

- A-frame wear check
- Steer knuckle wear check
- Other pins and bushing wear check



# TACHOMETER

Effortless  
wireless  
RPM data  
tracking.



## TECHNICAL SPECS

- Magnetic Adjustable Mounting System
- Up to 100m (328ft) Bluetooth Range
- Measures up to 10,000 RPM
- Up to 7.5m (25ft) Laser Operating Distance
- **Operating Time:**  
12 hours



The SafeGauge Tachometer is available in kits of various quantities. Perfect for measuring engine cooling fans, drill head speed or any other rotating equipment in tough environments. It's packaged in a rugged case with a charging harness, ready for use.

## APPLICATIONS

- Engine cooling fan speed
- Drill shaft
- Compressor cooling fan speed



# PUSH ROD

**Quick, safe  
displacement  
measurement  
tool.**

The magnetic mount allows quick setup, flexibility, and secure attachment. The sensor provides accurate data, with vibration resistance during testing.



## TECHNICAL SPECS

- Measures up to 50mm / 1" of Travel
- Accuracy of 0.05mm of Reading
- Universal Magnetic Mounting
- **Battery life: 25 hours**

## APPLICATIONS

- Steering ball stud wear and tear.
- Component alignment in heavy machinery.
- Wheel loader nose cone wear measurement.
- Bulldozer lift cylinder yoke wear measurement.



# LASER DISPLACEMENT



## TECHNICAL SPECS

- **Operating Range:** 35mm (1.38in) to 65mm (2.58in) from target (30mm (1.18in) span)
- **Sensor operating temperature:** -10 to 45°C (14 - 113°F)
- **Ingress Protection:** IP67
- **Battery:** Nickel Metal Hydride
- **Battery life:** 6 hours

**Accurate,  
fast wear  
measurements.**

The SafeGauge Laser Displacement Kit enables wireless, non-contact measurement of moving parts, ensuring technician safety. Designed for fast, accurate readings in harsh environments, it features quick magnetic mounting and pairs with the MultiTool Pro.

## APPLICATIONS

- Precision measurement of various components
- Excavator slew bearing deflection wear
- Non-contact lathe measurement





# MULTITOOL PRO

The MultiTool Pro logs and reports data for up to 12 sensors from 100m/328ft away. It's rugged and portable with a 20 battery life.

# WIRELESS MULTITOOL

The Wireless MultiTool connects up to 7 sensors from 50m (164ft) away, with 20-hour battery life and a rugged, portable charging case.



# MOBILE APP

Helping you connect with SafeGauge sensors, our app is designed for seamless integration helping you gain real-time access to critical data from your own device.



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