

***SAFE-GAUGE***<sup>®</sup>

# ELW Tooling

2023



***- WORK SMART · STAY SAFE -***

[safegaug.com.au](https://safegaug.com.au)

# Introduction

## Work Smart | Stay Safe

SafeGauge was born out of the necessity of the **Elimination of Live Work.**

Since 2019, SafeGauge has grown its in-house engineering capabilities to develop a range of smart ELW tooling aimed at keeping workers safe.

All products are developed specifically for the Mining industry, to make machine maintenance and live testing safer and more efficient.

**SafeGauge products eliminate the need for workers to be at risk near dangerous operating plant.**



# Problem

## Testing mobile plant is dangerous

Technicians are:

- Working in machine operator blind spots
- In close proximity of operating machinery
- Exposed to machine and tooling failure
- In crush zones of unplanned movement



# Solution

## Live Testing Remotely

SafeGauge has developed a wireless monitoring system that allows workers to test machinery from a safe distance.

## Safer

SafeGauge allows workers to stay clear from the "line of fire", eliminating crush and fluid injection injuries.

## More Efficient

SafeGauge is not only safer, but can reduce testing time by over 50%, ultimately reducing machine downtime.



# Customers

## Mining Companies

RioTinto

BHP

**BMA**  
BHP Billiton Mitsubishi Alliance

BENGALLA

GLENCORE

  
NORTHERN STAR  
RESOURCES LIMITED

Mt Arthur Coal

 **Fortescue**  
The New Forces in Iron Ore

  
Evolution  
MINING

 **Oyu  
Tolgoi**

 **NEW HOPE  
GROUP**

 **VALE**

**BARRICK**

**Newmont**

## OEMs

**LIEBHERR**

**WesTrac** 

Hastings Deering 

**HITACHI**

**KOMATSU**

**SANDVIK**

## Mining Services Providers

**Peabody**  
ENERGY

 **BUMA**  
Australia

**THIESS**

 **Perenti**

# PT Series

- 50-meter wireless range
- Built-in 240v charging
- Available pressure ranges from vacuum up to 600 bar (8700 psi)
- 0.2% FS accuracy
- 36 hours battery life (rechargeable)
- All contained in a rugged carry case



# DI Series

Released: March 2022

- Accuracy: 0.01mm
- Travel Distance: 12.7mm (1/2")
- 10-hour battery life
- 50-meter wireless range
- Compatible with Multitool
- Kit sizes of 1, 2, 4 and 6 channels



# Pressure Transducer 2.0

Released: May 2022

- Improved rugged design
- Improved durability and reliability
- 50-meter wireless range
- Connects to MultiTool





# Field Service Kit

## Custom Development

- Designed with the feedback of Westrac
- Built to cover all requirements for Field Service Technicians
- Compact all in one kit with built in charging
- Mixed PT pressure range for full coverage



# Tachometer

Released: January 2023

- Measure up to 25,000 RPM
- 7.5m laser operating range
- 50-meter Bluetooth range
- Rechargeable battery
- Connects to MultiTool
- IP67 rating



## Value Proposition

# SAFE-GAUGE®



### Simple

Simple & reliable, patented products solving a real problem



### Support

Leverage both direct and local service partners for product support



### Training

Access bespoke training designed to support the deployment of SafeGauge products



### Refine

Benefit from the continuous improvements made to products via upgrade services



### Confidence

Designed and built here in Australia, we are officially recognised as Australian Made



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