

P-Way Gauge (P5000)

Track Measurement and Analysis



The P-Way Gauge (P5000) is a reliable, accurate track gauge suitable for use in all aspects of rail engineering to measure track gauge and super-elevation.

Constructed from hard-wearing glass-reinforced plastic (GRP), the P-Way Gauge is lightweight and electrically non-conductive, making it suitable for use in areas of 3rd and 4th rail electrification. Track gauge measurements are shown on an easy-to-read mechanical scale, while super-elevation readings are displayed digitally. All measurements are displayed on the usable end of the gauge, ensuring improved repeatability and minimising the risk of user error.

→ TECHNICAL FEATURES

Electronic measurement

Super-elevation is measured electronically and is shown on an LCD display.

Mechanical measurement

Track gauge is measured mechanically, with readings displayed on a linear scale through a clear polycarbonate window.

Imperial and metric

The P-Way Gauge is available in both imperial and metric versions, for multiple track widths.

Electrically non-conductive

Made from hard-wearing GRP, the gauge is electrically non-conductive and can be used in areas of 3rd and 4th rail electrification.

Lightweight

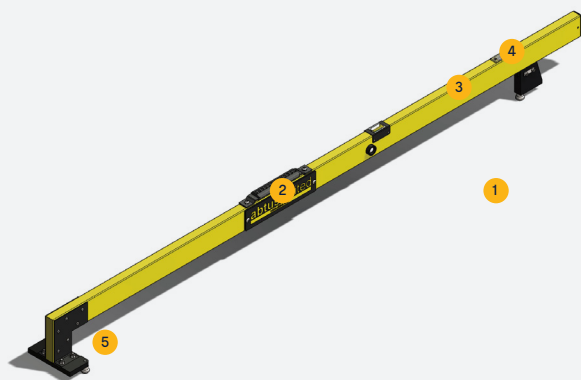
The gauge is extremely lightweight, weighing just over 3kg.

Battery powered

The unit is powered by two standard 9V PP3 batteries and the battery life for average usage is 12 months. The batteries can be replaced by the operator as needed.

→ ADVANTAGES

- The P-Way Gauge's light weight and ease of use make it ideal for highly time pressurised environments where measurements need to be taken quickly.
- The unit's sprung gauging foot ensures repeatability of positioning and measurement, reducing the risk of user error.
- Measurements are easy to read on both the mechanical and digital displays.
- The gauge is extremely precise, repeatedly providing accurate measurements of both track gauge and super-elevation.
- The P-Way Gauge is electrically non-conductive and is approved for use in areas of 3rd and 4th rail.
- Constructed from glass-reinforced plastic (GRP), the P-Way Gauge is robust and has a long life expectancy.



→ COMPONENTS

1. Gauge
2. Handle
3. Digital display for super-elevation measurements
4. Mechanical display for track gauge measurements
5. Sprung foot

→ SPECIFICATIONS

Technical specification	
Weight	3.2kg
Size	1660mm x 135mm x 150mm
Cant	Range: +/- 199mm Accuracy: +/- 1mm Resolution: 0.1mm
Gauge	Range: 1410mm to 1490mm Accuracy: +/- 1mm Resolution: 0.1mm
Battery life	12 months

Manufactured by

abtuslimited
Excellence in Railway and Marine Engineering since 1908

→ LEARN MORE



www.pandrol.com