



RAILWAY SURVEYING

ABT4550/PRISM Track Gauge



Description

The ABT4550/PRISM Track Gauge offers rail surveyors the functionality of a standard track gauge coupled with the facility to mount surveying prisms in line with the gauge face of the running rails.

Constructed from hard-wearing GRP and Nylon, the Prism Track Gauge is electrically non-conductive, making it suitable for use in areas of 3rd and 4th rail electrification.

Features

Running Gauge readings are displayed on an easy to read scale, positioned on the top of the gauge.

Super-Elevation (Cant) is measured at the touch of a button, with the reading shown on an LCD display.

The Prism Gauge is available complete with standard fixing threads for the attachment of surveying prisms. The prisms, when affixed to the gauge are in the same plane as the gauge face of the rails meaning that accurate track position surveying can be achieved when using the gauge in conjunction with a total station.



Technical Data

Weight	-	2.5kg (without prisms or spigots)
Size	-	1500mm x 300mm x 230mm (without prisms or spigots)
Running Gauge	-	Range: 1415mm > 1475mm Accuracy: ± 1 mm Resolution: 1mm
Super-Elevation	-	Range: ± 200 mm Accuracy: 1.2m Resolution: 0.1mm
Prism Spigot Mounting Plates	-	Height above rail head: 119mm Lateral position: Centre line of fixings in plane of gauge facing pins M8 Fixing Thread
LCD Battery Life	-	6-12 months based on average usage