



The **ABT 4640 Laser Height & Stagger Gauge** is a folding, robust and lightweight tool for measurement of the height and stagger of overhead catenary wire (OHL).

As with all Abtus measurement gauges, the ABT4640 is manufactured from hard wearing and nonconductive GRP and offers a sprung foot ensuring improved user friendliness, repeatability and accuracy of measurements.

The ABT4640 utilises Hilti's new IP65 rated PD-E Laser Range Meter for height measurements whilst stagger readings are displayed through an easy to read scale directly on top of the gauge body. Cant readings are displayed digitally at the fixed foot end of the gauge.

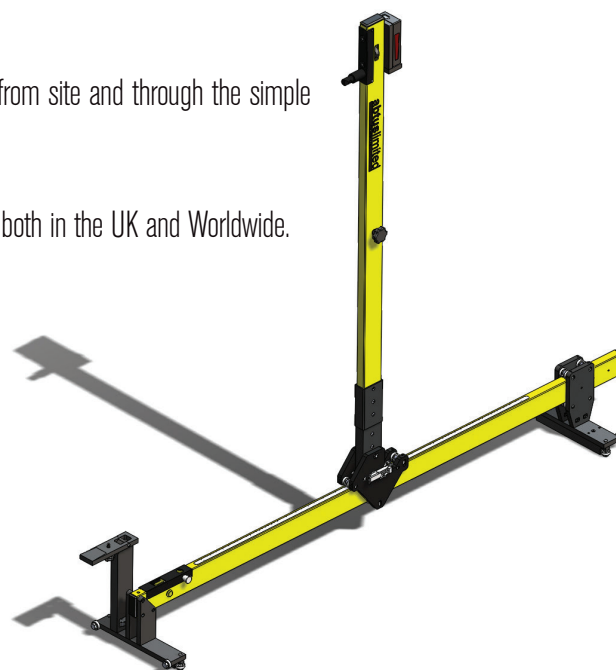
A key feature of the ABT4640 is the ability for the user to quickly and accurately take measurements from a standing position. This both helps to reduce time on track and minimises user fatigue by reducing the repetitive bending motions experienced with other measurement products.

Provided with an Abtus protective bag the ABT4640 is easy to carry to and from site and through the simple folding mechanism requires minimal set-up time prior to use.

The ABT4640 has been approved for use by Network Rail and is widely used both in the UK and Worldwide.

Features

- Fully Insulated
- Back lit for Night/Tunnel Work
- Auto Power Off
- Rail Edge to Face of Structure (REFOS) Bracket
- Hilti PD-E Laser
- Padded Carry Bag



Technical Specification

Weight	-	6.1Kg	Cable Stagger	-	Range: -435mm to +520mm
				-	Accuracy: +/- 10mm @ 5m
Size	-	1620mm x 1450mm x 265mm (in use)		-	Resolution: 1mm
	-	1620mm x 280mm x 265mm (folded)			
Cant	-	Range: +/- 199mm	Cable Height	-	Range: 2 – 100m
	-	Accuracy: +/- 1mm		-	Accuracy: +/- 3mm
	-	Resolution: 0.1mm		-	Resolution: 0.1mm
	-	Expected battery life 12 months			