



The ABT4081 measures dynamic lateral movement of stock rail tracks under load. The gauge is designed to be used in the movable part of a switch and is particularly suited to situations where the space between the rails is obscured (where impossible to use a measuring device spanned between the rails).

The ABT4081 hooks over the flanges of flat-bottomed rail and measures, field to field in areas wider than the four foot, the amount of spread caused by trains passing over. The spread remains recorded on the device until reset by hand. The gauge measures track spread up to 55 mm in 1 mm increments, displayed on an analogue scale.



### Features

- Easy to use
- Fully insulated
- Lightweight, robust
- Measures 0 - 55 mm track spread
- Use with any flat-bottomed rail
- Available for any gauge track

### Technical Specification

Weight	- 2.4 kg	Measurement range	- 0 to 55 mm
Dimensions (std 1435 g)	- Length: ± 1700 mm	Accuracy	- ± 1 mm
	- (1870 mm extended)	Resolution	- 1 mm
	- Height: 95 mm		
	- Width: 60 mm	Operating temperature range	- -10°C to 50°C
		Flange to flange installation limits (std 1435 gauge)	- 1760 mm maximum*
			- 1665 mm minimum

\* Allows for the full 55 mm maximum measurable track spread. Wider installation is possible but reduces the amount of spread that can be measured without risk of damage to the gauge.