



## Technical Data Sheet

### Physical Specification

"In use" Dimensions	- 1780 x 260 x 270mm
Storage/Transport Bag Dimensions	- 850 x 345 x 300mm
Weight (Nett)	- 12kg
Weight (Gross)	- 17kg



### Measurement Specification

Gauge	- Range: -25 to +50mm Accuracy: ± 0.5mm Resolution: 0.1mm
Cant	- Range: ± 200mm Accuracy: ± 1mm Resolution: 0.1mm
Free Wheel Clearance	- Range: 40 to 65m Accuracy: ± 0.5mm Resolution: 0.1mm
TGP8	- Pass/Fail with Actual Contact Angle Profile Accuracy: ± 0.1mm
NR4 CEN60 or 95lb/113A	- Range: 0 to 18 Step Profile Accuracy: ± 0.1mm
Gauge 1	- Pass/Fail with distance measurement Profile Accuracy: ± 0.1mm
Gauge 2	- Pass/Fail with distance measurement Profile Accuracy: ± 0.1mm
Switch Rail Radius	- Identification of sharp edges
GPS	- Expected Accuracy: 2.5m CEP

### Operating Specification

Battery Life	- 8 hrs (Li-on Rechargeable)
Operating Temperature Range	- -5 to 50°C
Laser Class	- Class 2, 670nm / 1mW MAX
Environmental	- All normal outdoor working conditions
Software Type	- iOS/Android App
Data Management	- Mobile device storage Exportable .xls files

### Certification/Approval

CE Directive 2014/30/EU	- Standard EN50121-4
CE Directive 2014/53/EU	- Standard EN300 328
CE Directive 2013/35/EU	- Standard EN62479
Network Rail Certificate No.	- PA05/07905
Network Rail Catalogue No.	- 057/059134

### Contents

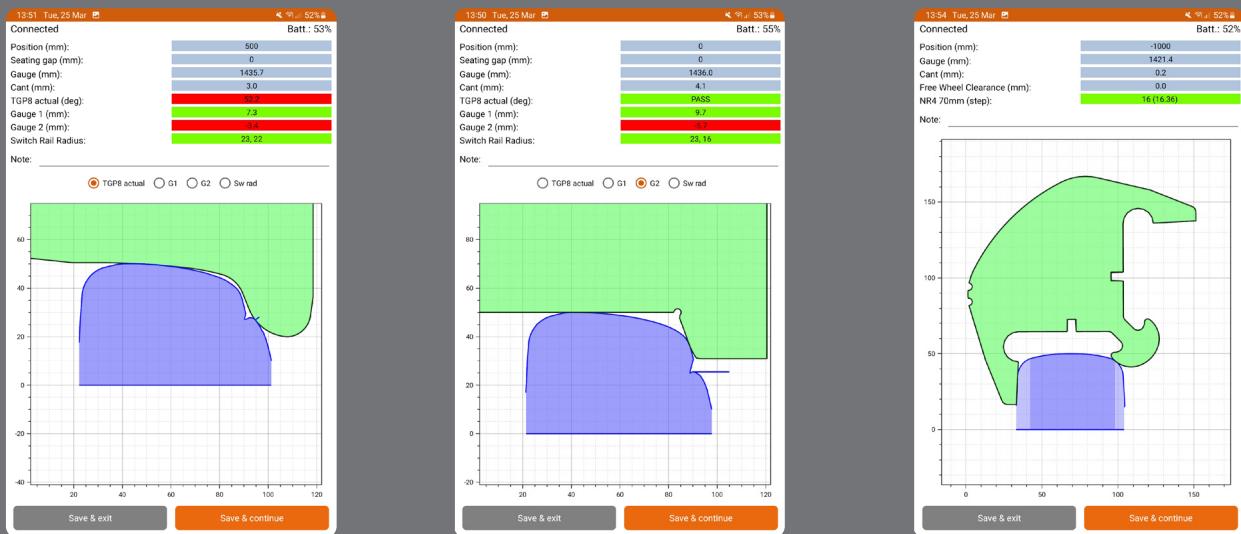
- Laser Switch Gauge
- Storage/Transport Bag
- Battery
- Battery Charger
- Verification Jig

### Other Features

- Modular design for ease of storage/transport
- Scan speed <10s
- Calibration verification- every 24hrs via supplied jig in under 30 secs
- Graphical & numerical data output for easy user analysis (see over)
- Integrated TEF3029A form for complete SO53 inspection functionality (see over)

The downloadable, free to use app based user interface includes full SO53 inspection functionality and TEF3029A population

Instant inspection results provide numerical and graphical data live on track meaning no need for post processing



Measurement summary and individual scan results can be viewed within the app or on a PC. Files are instantly available on the users device, no licensing or cloud access required.

