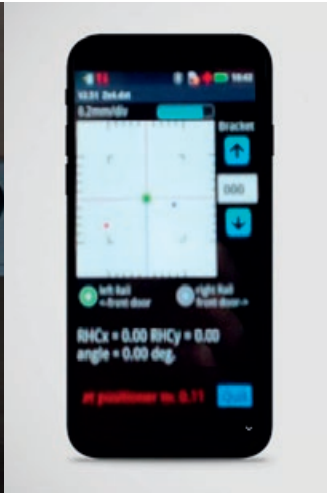


# PG3 RailAdjust DoubleWire

High-precision and super-fast adjustment of elevator guiderails with PG3 handheld tool in DoubleWire technique



Measure



Protect

## FEATURES AND BENEFITS

- PG3 is dedicated to align elevator guiderails for best ride comfort.
- Based upon the approved PG3 measurement system.
- Precise, fast and independent by means of 2 plumbed wires per rail.
- The high-precision handheld tool will be easily clamped on the rail ( $<\pm 0.1\text{mm}$ ).
- The user interface is a standard smartphone (IP52): operating as usual.
- Ergonomic crosshair display shows deviations from plumb and from right angle.
- The measurement works independently from other tools (like DBG gauge etc).
- The instrument is completely powered by rechargeable batteries – no line cords.
- Alignment deviations for each bracket level are saved in a logfile.
- The log file can be printed out by PC software RailScope.
- Between adjustments the whole unit can be protected in an aluminium case.
- This light-weight case is taken to the site-office after work.
- From the working platform the fitter can take measurements at any time on any level of the rail (e.g. to double-check influence from dividing beams etc.)
- Best ride comfort for all elevators by means of unique measurement technique.
- **PG3 measures and logs the alignments of both rails in less than a minute !**

## PG3 RailAdjust DoubleWire

### TECHNICAL DATA

	Handheld gauge PG3 DoubleWire	Alu case complete
Dimensions L × W × H (mm)	470 × 220 × 160	500 × 400 × 250
Weight (g)	3,500	7,500
Size of guide rail	T125-B to T140-3B	
Safety distance between sensor edge and bracket edge (common TKE material)	> 10 mm	
Plumb wires	Spring steel, min. 0.5 mm; Distance between paired plumb lines: 95 mm; Distance of wires to rail center: 175 / 270 mm	
Electric protection class	SK II	
Protection of housing	IP52	IP 30
Measuring range (X/Y) and angle (β)	± 7 mm / ± 8 deg	
Resolution (in range of ± 2 mm)	Analogue crosshair display and numeric values: < 0.05 mm	
Accuracy/Repeatability (in range of ± 2 mm)	Repeatability = ± 0.1 mm	
Working time with one battery charge	1 shift min	
Temperature range	- 15 to + 50 deg C <sup>(1)</sup>	

<sup>(1)</sup> For use under zero deg C read the manual!

**Simplex** is a sophisticated installation and service supplier for the leading manufacturers of elevators and escalators. As a reliable partner based in Croatia we are offering every installation, however ambitious and challenging it may be. Our long-experienced team of 100 elevator experts guarantee the quality of Simplex and thus the most innovative installation solutions.

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