



Vogel & Plötscher

PMS 3

Digital transverse profile measuring system



- For Vignoles and grooved rails
- Metal removal measurement (option)
- Complies with EN 13231-2:2020



PMS 3

The PMS 3 is our latest-generation precision measurement system. It is designed for measuring the rail transverse profile and can also be adapted to measure metal removal in accordance with applicable regulations. Its compact design and low weight mean it is both exceptionally comfortable to use and easy to transport.

Efficient and mobile

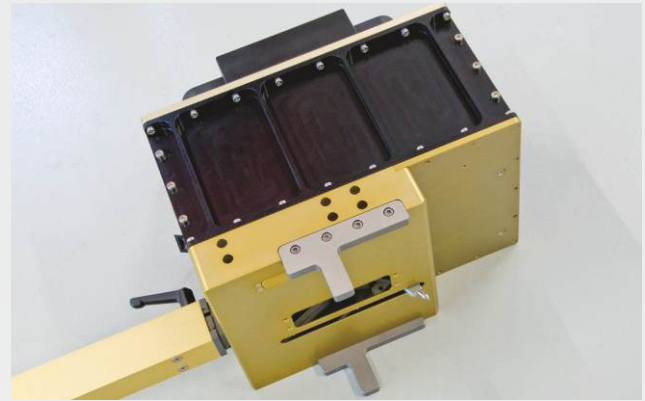
The measurement process is fully automated. The primary rail surface profile is calculated by touching the surface of the rail with a high-resolution measuring pin. The whole process takes no more than a few seconds. The actual measurement can then be immediately compared against the target profile and saved as a measurement report in PDF format.

The PMS 3 comes complete with a powerful MiniPad tablet, designed for outdoor use and equipped with our own specially-developed software, as well as a tough storage case with built-in rollers for easy transport.

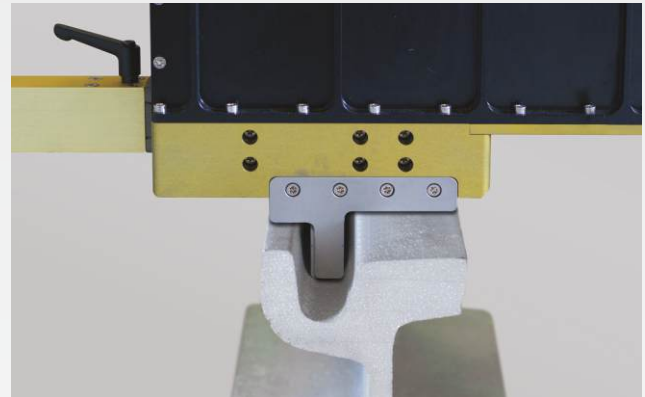
The PMS 3 is set up to measure Vignoles rails as standard. The modular system can be expanded as required, for example for laser-supported determination of metal removal (= PMS 3-M) or measurements of grooved rails (= PMS 3-R).

➤ Technical data

Measurement resolution:	0,01 mm
Sampling rate:	0,01 mm
Length of the support arm:	1454 mm
Dimensions Weight	
> PMS 3:	~ 280 x 210 x 290 mm 10 kg
> Case:	~ 660 x 490 x 335 mm 10 kg



Mechanical calliper (shown with optional laser unit)



Measurement of grooved rails (option)



PMS 3 in its transport case

Key features

- + Digital measurements of the rail transverse profile
- + Suitable for Vignoles and grooved rails (option)
- + Fully automated measurement
- + Designed to work with any gauge
- + Powerful outdoor tablet computer
- + Measurement system complies with EN 13231-2:2020