


# PMS II

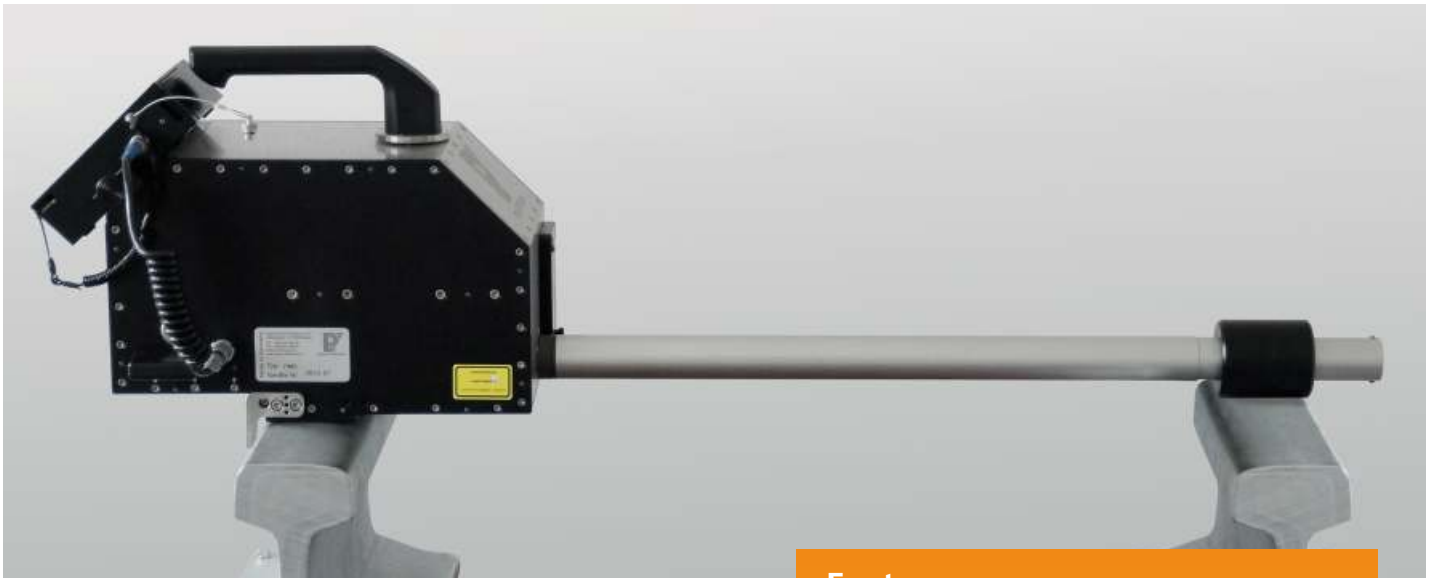
Digital cross profile measuring system



Rail profile



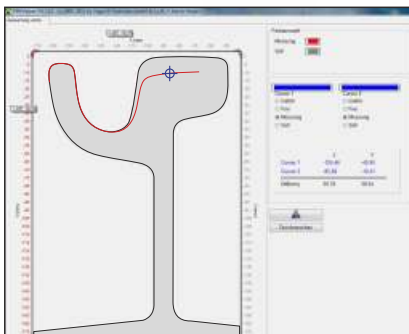
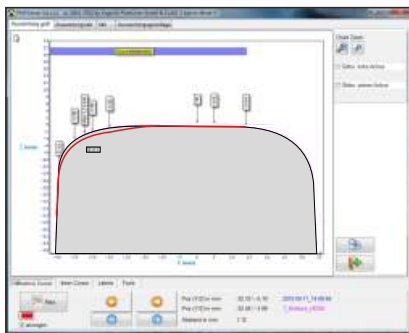
Digital



## PMS II

is a particularly handy, efficient solution for digitally recording rail cross-profiles. With its compact size and low weight, this measurement system is ready to operate after just a few adjustments. Device operation is supported through a clear and concise menu provided from the connected display and control unit "MPCe". The measurement process is performed automatically and takes about 30 seconds. The measurement result is graphically displayed at once to be saved on internal SD memory card.

Data are recorded using the contact measurement principle: the rail surface is scanned by use of a high-precise sensor transmitting the data directly to the MPCe unit. Afterwards the stored measurement files can be exported to any computer via SD memory card. Detailed data evaluation is carried out using software "PMSviewer" supplied: various measurements can be compared directly with each other or to a reference profile (target-actual comparison).



The scope of functions of the PMS II can be extended even further if required. Using an integrated laser measuring unit, additional data on material erosion or groove depth can also be determined.

## Features

- + Digital rail cross-profile measurement
- + Measurement systems complies to standard EN 13231-3:2012
- + Measurement result available within seconds
- + Compact and light device design
- + High-performance removeable display and control unit MPCe

## Technical data\*

### Measurement ranges

In direction Z	24 mm
In direction Y	53 mm
Measurement uncertainty in Y	0,1 mm
Resolution (scanning frequency) in Y	0,01 mm
Measurement uncertainty in Z	0,1 mm
Resolution (scanning frequency) in Z	0,01 mm

### Dimensions (without extension)

Length x width x height	340 x 215 x 250 mm
Weight	6,5 kg

\* All information in relation to nominal track gauge 1435 mm  
Other track gauges available on request

## Scope of delivery

- Measuring device PMS II (with extension)
- Display and control unit MPCe
- 2 sets of batteries incl. charging units
- Software package (PMScatcher + PMSviewer)
- Rugged case for transport and storage

