



Mobile railway point inspection system



Mobile railway point inspection system

Do you know the actual state of your railway points?

A field measurement with the mobile point testing system MobiWAPS records your maintenance activities and helps you in troubleshooting.

Using a force measuring pin all relevant forces in the railway point will be recorded and plotted in a diagram.

With the clamp meter the motor current can be recorded or the measuring period can be detected (trigger). The MobiWAPS Sensor set, in combination with a robust outdoor laptop, guarantee reliable measurements in rain, sun and even in snow.

Saved measurements are synchronized automatically to other devices or a central database. So the retraceability is guaranteed.

Features

- Measuring of the setting force, coupling force, holding force, point openings forces, point rail tension, motor current, etc.
- Measurement reports as PDF or measurement files
- Certificate of calibration for the sensors
- Comparison of several measurements in one diagram
- Automatic detection of the measurement interval
- Automatic synchronization
- Central database and backup
- USB interface for communication and energy supply



MobiWAPS sensor set with Panasonic Toughbook

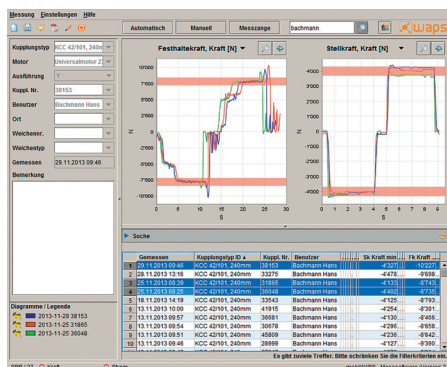
Technical Data:

Measuring range force +/- 12kN

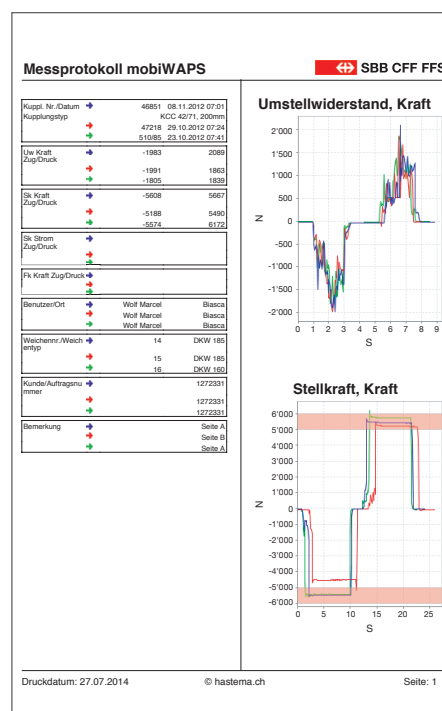
Measuring range current +/- 10A

Diameter of measuring bolt 17 – 30mm

Measuring rate 1 kHz



MobiWAPS software



MobiWAPS inspection protocol



MobiWAPS measuring pin