





Comparison of Zehntner Retroreflectometers ZRM 6006 and ZRM 6014 v1.0

| | ZRM 6006 <i>(preliminary)</i> | ZRM 6014 |
|--|---|---|
| |  |  |
| R _L | ● | ● |
| Q _d | ● | ● |
| Relative humidity | ● | ● |
| Ambient temperature | ● | ● |
| Wet Timer | | ● |
| Interval timer | | ● |
| Measurement of profiled markings | up to 5 mm <i>(up to 12 mm to be measured with instruction)</i> | up to 5 mm <i>(up to 12 mm to be measured with instruction)</i> |
| Accumulator | 6.3 Ah Li-Ion | 6.3 Ah Li-Ion |
| Illumination system (measurement) | LED with high life time (about 500'000 measurements) | LED with high life time (about 500'000 measurements) |
| Display | monochrome backlit, transfective | colour VGA 5.7" |
| Display angle adjustable | | ● |
| Touchscreen | | ● |
| Polyglot menu | | ● (currently 9 languages) |
| Time for 1 measurement | R _L + Q _d : approx 2 s | R _L /Q _d : approx. 2 s single about 1s |
| Size of measuring area | W: 52 mm L: 218 mm | W: 52 mm L: 218 mm |
| Approval by independent test laboratory | in preparation | StrAusZert no. 0913-2010-06 |
| Traceability | Metas, Switzerland | Metas, Switzerland |
| Repeatability | ● | ● |
| Deviations of the calibration standard or the equipment will be shown. | ● pass/fail | ● in percent |
| Calibration procedure | 1 standard, calibration by pressing 1 button | 1 standard, calibration by pressing 1 button |
| Remote control and wheels | | ● fold-away handle for lab use |
| Handle at maximum height | | 84 cm |
| GPS | | optional |

| | ZRM 6006 (preliminary)  | ZRM 6014  |
|--|--|--|
| Data analysis software | | ● Mapping Tools |
| Mapping Software | | ● Mapping Tools |
| Camera | | optional |
| Compass & level-meter | | optional |
| Stored memory viewable on the display | | ● |
| Last value before shut-down will be displayed at next turning on | ● | ● |
| Exact marking / indication of the location of the measuring area / measuring direction | ● | ● |
| Easy laboratory use | ● | Fold-away handle |
| Detailed test report on A4 size paper | | ● |
| Interface to external printer | | ● USB interface optional Bluetooth interface |
| Internal printer | | optional |
| Interface to PC | | ● USB, USB flash drive, optional Bluetooth |
| Data input options | | full test report: type of marking, road name, direction, name of operator, remarks ... |
| Dimensions (LxWxH) | 580 x 190 x 280 mm | 658.5 x 190 x 408.5 mm |
| Housing | Sturdy aluminium | Sturdy aluminium |
| Dimension of the carrying case (LXWXH) | 700 x 250 x 400 mm | 725 x 250 x 440 mm |
| Weight net | 6.4 kg | 7.85 kg |
| Weight with carrying case | 15 kg | 17.6 kg |

Subject to technical changes

Information on ZRM 6006 Zehntner-Retroreflectometer is based on:

- Preliminary data sheet ZRM 6006 Zehntner-Retroreflectometer RL/Qd, Version IIQ2011

Information on ZRM 6014 Zehntner-Retroreflectometer is based on:

- Leaflet ZRM 6014 Zehntner-Retroreflectometer RL/Qd, Version IVQ2010
- Instruction manual ZRM 6014 Zehntner-Retroreflectometer RL/Qd, Version 1.6 dated 15 February 2011