

MICROLEVEL electronic square type precision spirit level with remote functions
Item No. 5223/150/KK – 5225/150/KK

Manufacturer:

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Product:

Stable version made of high-quality special casting, structurally lacquered. With 3 flat / prismatic (150°) and a flat side, for aligning and for angle measurement of horizontal and vertical surfaces and shafts. The measuring surfaces are finely ground. The battery-powered device is equipped with an inclination sensor and an electronic with large, easy-to-read color display for longitudinal and transverse inclination and full heat protection. It has interfaces for communication with external display devices or PC via USB and Bluetooth for remote display, measurement protocol, data export MS-Excel.

Technical information:

| | | |
|---------------------------|------------|---------|
| Length x height | mm | 150x150 |
| Width | mm | 42 |
| Weight of the water scale | kg | 2.22 |
| Weight incl. storage case | kg | 2.49 |
| Item No. 5223/150/KK | 0.02 mm/m | |
| Item No. 5224/150/KK | 0.01 mm/m | |
| Item No. 5225/150/KK | 0.005 mm/m | |

| | |
|------------------------------|---|
| Min-/Max. cylinder diameter: | 19.3 mm / 115.9 mm |
| Number step value: | 20/10/5 microns for unit mm/m, depending on the model, 1micron at the unit mm/150 mm |
| Display: | Color, Diagonal 46 mm / 1.8" |
| Error limit / drift: | fmax = 0.04% of MW, min. 0.01% of ME / 0.05%/h of ME |
| Measuring range: | +/- 15 degrees (approx. +/- 261 mm/m) |
| Response time: | < 3 seconds |
| Temperature coefficient: | 0.1% of ME per °C |
| Working temperature range: | 20°C +/- 10K |
| Storage temperature: | from -30°C to +70°C |
| Interfaces: | Bluetooth and USB 2.0 Micro A |
| Power supply: | Li-ion battery approx. 10h uptime |
| Standards: | According to DIN 877 and DIN 2276-2, CE compliant and EMC-tested MW = measured value, ME = measuring range end value |

Functions:

| | |
|---|---|
| Absolute/relative measurement | Temperature compensation |
| Zero setting at any point | Remote View for Smartphone/PC via Bluetooth |
| Longitudinal and transverse inclination | Battery charge indicator |
| 13 different units | Base length selectable |
| Hold function | Remote Control via smartphone/PC via Bluetooth (optional) |
| Semi-automatic calibration | Graphical WINDOWS-Software (optional) |
| Wireless communication | Measuring protocol (optional) |

Scope of delivery:

- MICROLEVEL electronic square type spirit level
- Padded storage case
- Remote display download app
- USB charging and connection cable
- USB power supply and PC USB dongle
- Operating instruction

Special designs (optional): flat sole, magnetic equipment, holes for screwing on