

MICROLEVEL electronic precision spirit level with remote functions
 Item No. 5523/160/KK – 5525/160/KK

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Product:

Stable version made of high-quality special casting, structurally lacquered. With prismatic base, for aligning horizontal shafts with large diameter. 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. Equipment: 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	mm	160
Width x height	mm	140/79
Angle of the measuring base	degrees	13
min. / max. diameter	mm	54 / 600
Weight of the water scale	kg	3.08
Weight incl. storage case	kg	3.64
Item No. 5523/160/KK	0.02 mm/m	
Item No. 5524/160/KK	0.01 mm/m	
Item No. 5525/160/KK	0.005 mm/m	

Number step value: 20/10/5 microns for unit mm/m depending on the model, 1 micron at the unit mm/160 mm

Display: Color, Diagonal 46 mm / 1.8"

Error limit / drift: $f_{max} = 0.04\%$ 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 +/- 10 K

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 horizontal 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