

MICROLEVEL electronic precision spirit level with remote functions
 Item No. 5023/160/KK – 5025/160/KK

Manufacturer:

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Product:

Stable version made of high-quality special casting, structurally lacquered. With prismatic (150°) and flat base, for aligning horizontal 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	mm	160
Width x height	mm	42/47
Weight of the water scale	kg	0.94
Weight incl. storage case	kg	1.82
Item No. 5023/160/KK	0.02 mm/m	
Item No. 5024/160/KK	0.01 mm/m	
Item No. 5025/160/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/160 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 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