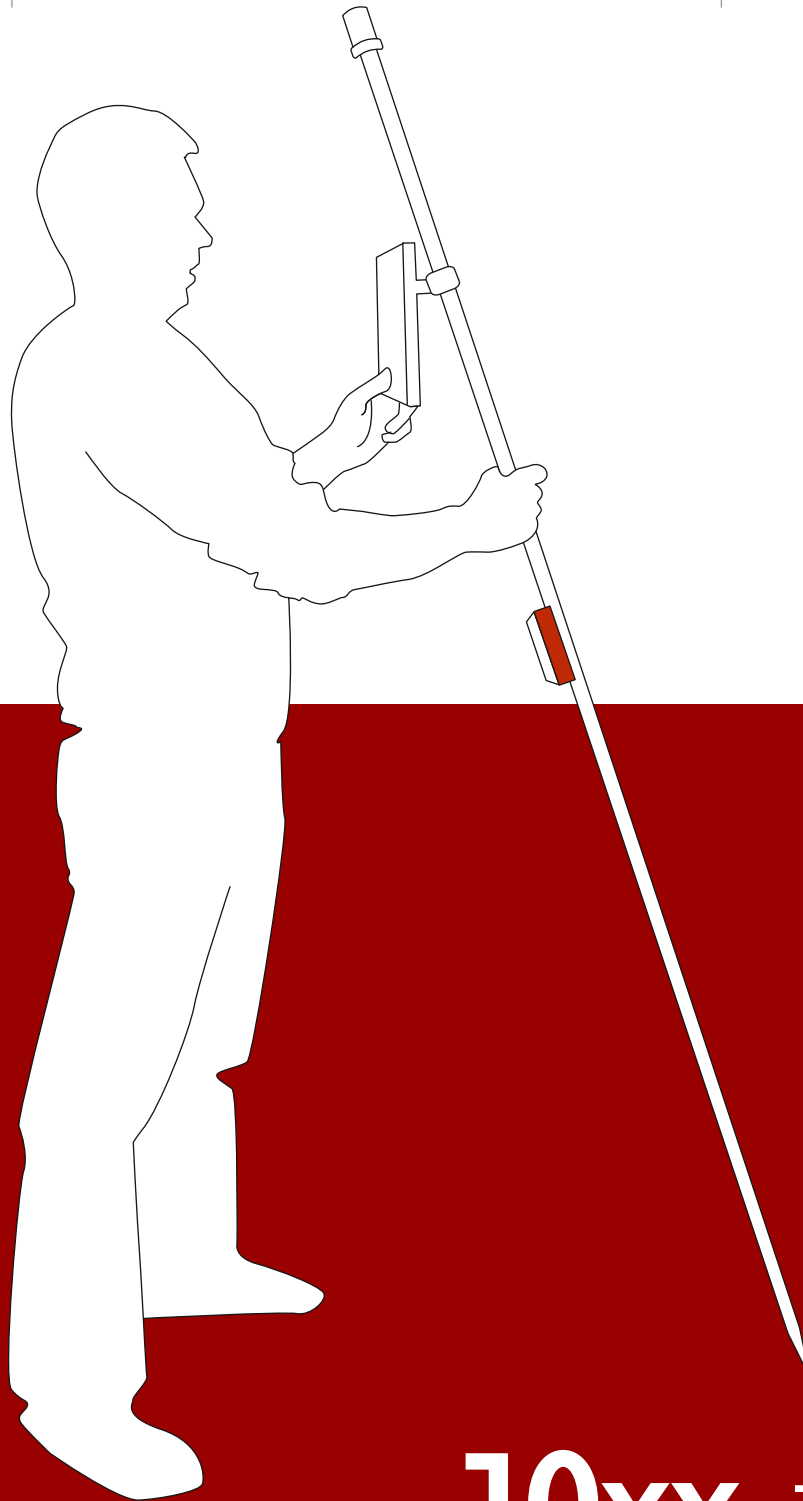




ppm



10xx zero
GNSS SENSOR

10xx zero
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Slant is the new straight



10xx



zero

The ease of measuring taken to the extreme

zero Circular bubble thanks to INS module

The integrated INS allows compensation up to 60° in the centimeter range. It has never been easier to measure inaccessible points.

zero Cable thanks to Bluetooth module

With the low energy module, no cable connection is required between the ppm 10xx zero and the data collection device (tablet, smartphone).

zero Power Cable thanks to internal battery

The integrated battery allows independent work for up to 20 hours. If the tilt sensor is active, the operating time is reduced to approx. 12 hours.

zero Top-heaviness thanks to ergonomic design

With the feather-light helix antenna, as well as the well-considered mounting of all "heavy" components in the centre of the rod, you will experience the lightness of measurement.

USB-Connectivity

In addition, there is a suitable connection to a tablet or PC via USB-connection, which can also be used to charge the internal battery.

Brackets for Tablets

We offer various custom tailored brackets for current tablets. So you can choose which tablet is the ideal solution for you.



Accurate data up to a tilt angle of 60°

10xx zero GNSS SENSOR

GNSS System

<i>Multi constellation and multi frequency receiver supporting</i>	GPS
	GLONASS
	GALILEO
	BEIDOU
	SBAS

Output rate

5 Hz Position data (RTK)

Connectivity

<i>USB port</i>	1 × USB
<i>GNSS antenna</i>	TNC female (5V - max. 50mA)
<i>Bluetooth®</i>	Bluetooth LE version 5

Accuracy ¹

<i>Tilt compensation</i>	w/o	till 30°	till 60°
<i>RTK Fixed (cm)</i>	1-3	2-3	2-4
<i>DGPS</i>	30 cm		

Specifications

<i>Tilt compensation</i>	calibrating free and immune against magnetic interferences	
<i>Tilt compensation</i>	off	on
<i>Power consumption (Watt)</i>	< 0.8	<1.2
<i>Operating time² (h)</i>	20	12
<i>Working temperature (°C)</i>	-25 bis +70	
<i>Voltage input (V DC)</i>	5	
<i>Environmental sustainability</i>	IP54 (optional IP67)	
<i>Size (mm)</i>	125 × 30 × 56	
<i>Weight (g)</i>	170	

1) Accuracy depends on atmospheric conditions, signal multipath effects, satellite geometry and available corrections and their quality. Position accuracies apply to attitude accuracies. Elevation error is normally less than twice the attitude error. Performance data apply to at least five satellites and use according to the manual.

Performance may degrade in areas of high signal multipath, high satellite geometries (PDOP values), and at times of severe atmospheric conditions. 2) May vary depending on temperature, battery age, or use of wireless communication devices.

Dealer

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