



Zoom10

Manual Total Station

Zoom10



The Zoom10 benefits from the accuracy and ease at work of the Zoom family workflow.

Best performance and value ratio

The Zoom10 has been developed to meet your field work requirements.

You want to get familiar with a user-friendly and cost effective manual total station? The Zoom10 is made for you.

Bluetooth® embedded

The Zoom10 is built to operate with the full range of X-PAD due to the Bluetooth® functionality. It guides you in every step of your work to increase your productivity whether in the field or the office. It allows you to compile and process the data of every sensor on one unique platform.

Onboard software

The onboard software follows the Zoom family workflow and is very easy to operate.

No limitations

To give you maximum flexibility, the Zoom10 comes with two displays by default. This enables you to operate the onboard software from both sides.

Quick and accurate point measurement

The dual-axis Zoom10 provides a 2" accuracy and a 350mm range for reflectorless measurements.

Hexagon quality control

The GeoMax total stations are built to fulfil your needs when working in the most challenging environments. Just like all the other GeoMax products, the manual total station, Zoom10 follows the quality control of Hexagon.





Angle measurements

| | |
|----------|---------------|
| Accuracy | 2" (0.6 mgon) |
|----------|---------------|

Distance measurements

| | |
|---------------------------|--------|
| Reflectorless range | 350m |
| Kodak white reflectorless | ≥350m |
| Reflective sheet | 800m |
| Single prism | 3,000m |
| Three prism | 6,000m |

Telescope

| | |
|---------------------------|----------------------|
| Magnification | 30X |
| Field of View | 1°20' (2.3m at 100m) |
| Minimum focusing distance | 1.5m |
| Reticle | Illuminated |

Compensator

| | |
|----------|-----------|
| System | Dual-axis |
| Accuracy | 1" |

Communication

| | |
|----------------------|---|
| Interface | Standard RS232, SD card, USB drive with micro USB, Bluetooth® |
| Internal data Memory | Approx. 20,000 points |
| Data format | ASCII |

Plummet

| | |
|----------|------------------------------------|
| Type | Laser plummet, 4 brightness levels |
| Accuracy | 1mm at 1.5m instrument height |



Operation

| | |
|------------------|--|
| Keyboard | 2 sides alphanumeric backlit rubber keyboard |
| Display | High resolution backlight black and white display with contrast adjustment Graphics: 280 x 160 pixels Character: 6 lines x 25 characters |
| Data recording | 1 GB internal memory, removable SD card and USB stick |
| Operating system | Dedicated onboard software |

Physical specifications

| | |
|---------------------------------|-----------------------------------|
| Operating / storage temperature | -20° C to 50° C / -40° C to 70° C |
| Protection class | IP54 dust and waterproof rating |

Power supply

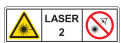
| | |
|------------------|--------------------------------------|
| Internal battery | ZBA10, removable Li-Ion 3 Ah / 7.4 V |
| Operating time | 10-16 h* |



OUR COMMITMENT TO QUALITY AND TO YOUR TECHNICAL PERFORMANCES

At GeoMax Positioning, making sure your equipment works when you do is our priority. Our teams offer the services required to ensure your product works for its entire lifetime and we strive to always keep your satisfaction at an all-time high.

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Distance meter (reflector mode): Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1; **Laser plummet:** Laser class 2 in accordance with IEC 60825-1 resp. EN 60825-1; **Distance meter (reflectorless mode):** Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1.



Total Care
SHIELD



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