Zoom10

Manual Total Station

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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.

Total Care SHIELD

CERTIFIED IQNet MANAGEMENT SYSTEM

Certified Management System SQS ISO 9001 / ISO 14001

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