



Manual Total Station

More convenience for your daily job

To make your job easier, an intuitive onboard software runs on two displays that are provided by default.

Quick & accurate point measurement

The dual-axis manual total station provides a 2" accuracy and 350m range for reflectorless measurements.

Smooth workflow

The Zoom10, in combination with X-PAD Fusion software, seamlessly integrate into your workflow allowing you to combine and process the data of every sensor in one platform.

Affordable price

The product positioning and performance ratio make the Zoom10 an affordable investment to start working with manual total stations.

Angle measurements

Accuracy	2" (0.6 mgon)
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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	1 mm 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.



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