# GEOMAX

# Manual Total Station

## More convenience for your daily job
To make your job easier, an intuitive onboard software runs on two displays 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.

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## 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 | 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.

CERTIFIED MANAGEMENT SYSTEM IQNet

Certified Management System SQS ISO 9001 / ISO 14001

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