Manual Total Station

Advanced Software
- Advanced application package
- Intuitive user interface
- Graphical guidance

neXus EDM
- 500 m (1,640.42’) non-prism range
- High Precision
- High Reliability

Advanced black & white display
- Largest display in class
- Highest resolution in class
- Ergonomic design

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Zoom25 Series

If you don’t want to compromise on quality: The GeoMax Zoom25 series is your choice suitable for all standard surveying tasks.

With its lightweight design the Zoom25 manual total station will help you get the job done.

A fast, simple and flexible data transfer is ensured by the incorporated RS232, USB and Bluetooth® technology.

With its included powerful application package, intuitive operation, on a large, high resolution display, combined with an extra-long battery life, the Zoom25 makes you more productive than ever before.

### INTERFACE

- **Keyboard**: Full alphanumeric, dual face (opt.)
- **Display**: High resolution (280 x 160 pixel), 8 lines x 30 characters, illuminated
- **Data recording**: Internal memory; 50,000 pts
- **Interface**: USB, serial & external power
- **Removable memory**: USB memory stick
- **Bluetooth**: Device Class 1

### POWER SUPPLY

- **Internal battery**: Removable Li-Ion
- **Operating time**** 36 h (continuous angle), 16 h (continuous distance measurement every 30 s)

### PLUMMET

- **Type**: Laser point, adjustable brightness
- **Accuracy**: 1.5 mm (0.002') at 1.5 m (4.921') instrument height

### OPERATING SYSTEM

- **Microsoft®**: Windows embedded CE

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**Zoom25 neXus**
Distance measurement on prism

**Zoom25 neXus**
Distance measurement on reflector and 500 m non-prism*

### ANGLE MEASUREMENTS

- **Accuracy**: 1" (0.3 mgon), 2" (0.6 mgon), 5" (1.5 mgon)
- **Display resolution**: 0.1" / 0.1 mgon
- **Method**: Absolute, continuous, diametrical
- **Compensation**: Quadruple axis

### DISTANCE MEASUREMENTS

- **Prism**: 3,500 m / 2 mm + 2 ppm
  
  (11,482.94 / 0.007" + 2 ppm)

- **Non-prism**: 500 m / 2 mm + 2 ppm
  
  (1,640 / 0.007" + 2 ppm)

- **Footprint**: 8mm (0.026") x 20mm (0.066")**

### PHYSICAL SPECIFICATIONS

- **Weight**: 5.1 kg (11.24 lbs) incl. battery & tribrach
- **Operating temp.**: -30ºC (-22ºF) to 50ºC (122ºF)***
- **Protection class**: IP55 dust and waterproof
- **Humidity**: 95 %, non-condensing

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* Optimal conditions to Kodak Grey Card (90 % reflectivity)
** At 50 m distance
*** Optional tested polar version, standard – 20ºC to 50ºC
**** Battery time may be shorter depending on conditions.

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Learn more at: geomax-positioning.us