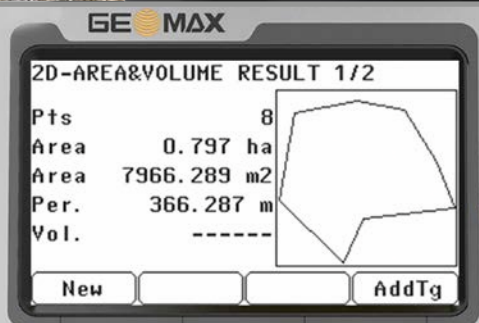


Manual Total Station



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



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.

Zoom25 neXus	Distance measurement on prism
Zoom25 neXus	Distance measurement on reflector and 500m 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')**

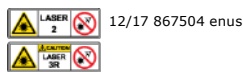
PHYSICAL SPECIFICATIONS

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

* Optimal conditions to Kodak Grey Card (90% reflectivity)
 ** At 50 m distance
 *** Optional tested polar version, standard -20°C to 50°C
 **** Battery time may be shorter depending on conditions.
 All trademarks and trade names are those of their respective owners.

Distance meter (Prism 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 (Non-Prism Mode neXus): Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1



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INTERFACE

Keyboard	Full alphanumeric, dual face (opt.)
Display	High resolution (280x160 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 30s)

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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geomax-positioning.us