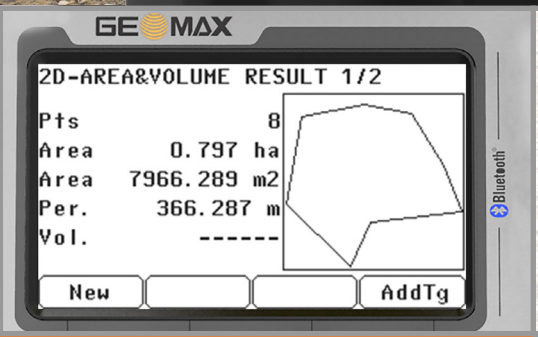
GEOMAX

Zoom25 Series

Manual Total Station



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

neXus EDM
- 500 m 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.

The enhanced design of Zoom25 protects the instrument against dust and water jets from any direction even under low temperatures down to -30°C.
A fast, simple and flexible data transfer is ensured by the incorporated RS232, USB and Bluetooth® technology.
With its included powerful application package, intuitively to operate 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
Non-prism	500m / 2 mm + 2 ppm
Footprint	8 x 20 mm**

PHYSICAL SPECIFICATIONS	
Weight	5.1 kg (incl. battery & tribrach)
Operating temp.	–30°C to 50°C***
Protection class	IP55 dust and waterproof
Humidity	95 %, non-condensing

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 Class1

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

PLUMMET	
Type	Laser point, adjustable brightness
Accuracy	1.5 mm at 1.5 m instrument height

OPERATING SYSTEM	
Microsoft®	Windows embedded CE

* 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.
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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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Learn more at:
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