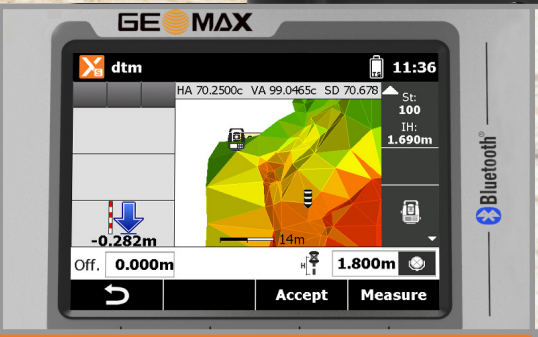
GEOMAX

Zoom40 Series

Manual Total Station
WinCE® Series









Onboard software flexibility
- GeoMax X-PAD
- GeoMax FieldGenius
- Carlson SurvCE

Totally open Windows® CE
- Open WinCE platform
- Open to all 3rd party developers
- Open remote communication

Fully featured
- Large 3.5" Q-VGA display
- Large 2GB memory
- 500m non-prism range

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Zoom40 - WinCE® Series

Operate it your way, store it your way, process it your way! When flexibility counts the GeoMax Zoom40 Series is your choice.



The flexibility to run X-PAD, FieldGenius or Carlson SurvCE or any other localised field software onboard the Zoom40 with its high resolution graphical Colour- and Touch display it allows you to work in the way that best fits to your needs.

Combined with the capability to measure long distances with high accuracy you can be sure: Zoom40 "works when you do"

Zoom40 neXus5	Distance measurement on reflector and 500 m non-prism*

ANGLE MEASUREMENTS	
Accuracy	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	5.3 kg (incl. battery & tribrach)
Operating temp.	–30°C to 50°C***
Protection class	IP54 dust and waterproof
Humidity	95 %, non-condensing

INTERFACE	
Keyboard	Full alphanumeric, dual face (opt.)
Display	3.5" Quarter-VGA colour touch screen (320x240 pixel), 10 lines x 30 characters, self heating, illuminated
Memory size	Internal; 2GB
Interface	USB
Removable memory	USB memory stick
Bluetooth	Device Class 2

POWER SUPPLY	
Internal battery	Removable Li-Ion
Operating time***	36 h (continous angle), 10h (continous distance measurement every 30 s)

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

OPERATING SYSTEM	
Microsoft®	Windows CE

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

* Optimal conditions to Kodak Grey Card (90 % reflectivity)
** At 50 m distance
*** at 25°C. Battery time may be shorter depending on conditions.
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