

GeoMax Total Station Zipp10 Series



Zipp10 Series

Closing the gap, Zipp10: A complete total station for all your measuring tasks, providing accurate angular readings and distance measurements. All this but still affordable and easy to use, is what makes GeoMax "work when you do".



Closing
the gap
Zipp



Long reflectorless range of 250 m

Long prism range of 3'000 m

Dual-axis compensator ensures highest angular accuracy

IP54 Dust and water resistant

Plug & Play USB data transfer

Removable Li-Ion battery

Integrated laser plummet for easy setup

Alphanumeric keypad for rapid data entry

The complete total station

The Zipp10 series provides a choice of angular accuracies and distance measurement technology to suit your needs. The 5" instrument is suitable for general construction work, while the 2" instrument is for precise measurement tasks. With the optional reflectorless technology, distances can be measured to any surface within 250 m. With a complete range of on-board applications, all types of measurement tasks can be completed easily.

GeoMax Zipp10 5", 2"	Distance Measurement on Reflector
GeoMax Zipp10R 5", 2"	Distance Measurement on Reflector 250 m Non-prism Distance Measurement

Angle Measurements (Hz, V)	
Accuracy (ISO 17123-3)	2", 5"
Display resolution	1", 5", 10"

Distance Measurement	
Range with prism	3'000 m
Non-prism range (Zipp10R)	250 m
Accuracy with prism	2 mm + 2 ppm
Non-prism accuracy	3 mm + 2 ppm
Measuring time (Tracking/Quick/Fine)	0.33/2.5/3.0 sec
Reflectorless measuring time	3.0 - 6.0 sec

Telescope	
Magnification	30x
Field of view	1° 30' (26 m / 1 km)
Minimum focus	1.7 m

Compensator	
System	Electronic dual-axis
Working range	± 3'

Operation	
Display	Back-lit LCD
Resolution	160 x 96 pixels
Keyboard	21 keys including 4 function keys
Operating system	Windows CE Core
Operating period	9 hours

Laser plummet	
Type	Visible laser point
Accuracy	1.5 mm at 1.5 m instrument height

Environmental conditions	
Operational temp.	-20°C to 50°C (-4°F to 122°F)
Protection class	IP54

Data Management	
Data storage	64 MB
Interface	USB

Applications	
Data Collect, Set Out, Resection, Area, Remote Elevation, Missing Line	

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):** Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1

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