

GeoMax Total Station Zipp10 Series



ZIPP10

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

Dual-axis compensator ensures highest angular accuracy

Plug & Play USB data transfer

Integrated laser plummet for easy setup

Long prism range of 3'000 m

IP54 Dust and water resistant

Removable Li-Ion battery

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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