

GM52 Manual Total Station

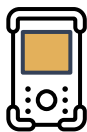
The GeoMeasure GM52 is the 2" Total Station perfect for those looking for a simple and reliable manual total station. Engineered to meet the demands of the field, the GM52 combines cutting edge features with user friendly design. Whether for topographic surveys, construction layout, or as-built surveys, the GM52 is the perfect solution.

FEATURES



Embedded Bluetooth

The GM52 is built with integrated bluetooth, making it possible to use with an external data collector. Work with your favourite field PC without any compromise.



Software Compatibility

The GM52 is compatible with Topcon Magnet, and Carlson's SurvCE and SurvPC. This is supplemented by the total station's on-board software that allows you to store and measure points.



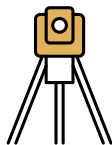
Quick and Accurate

The dual-axis R20 provides a 2" accuracy and 500 m of range for reflectorless range. With a single prism, measure up to 4,000 m.



Easy and Comfortable to Use

To make it as easy to use as possible, the R20 comes with dual face displays. This makes working with the station super easy.



Advanced Optics

Based on Topcon platforms, the 30x magnification makes seeing your targets easy, even at long ranges. Easily locate and shoot your targets.



Long-Lasting Batteries

The internal batteries are designed to provide all-day working battery life. With 14 hours of battery life, the GM52 can work longer than you do.



GM52 Total Station

2" Angular Accuracy

Angle Measurements

Accuracy: 2" (0.6 mgon)

Distance Measurements

Reflectorless Range: 500 m

Single Prism: 3,000 m

Three Prism: 6,000 m

Telescope

Magnification: 30X

Field of View: 1° 20' (2.3 m at 100m)

Minimum Focusing Distance: 1.5 m

Reticle: Illuminated

Compensator

System: Dual-Axis

Accuracy: 1"

Communication

Interface: Standard RS232, SD Card, Bluetooth, MicroUSB

Internal Data Memory: 32 GB, 50,000 Points

Data Format: ASCII

Operation

Keyboard: 2 Sided Alphanumeric Back Lit Keyboard

Display: High Resolution Black and White Display with Backlight

Data Recording: 32GB Internal Memory, Removable SD and USB

Operating System: Dedicated On-Board Software

Physical Specifications

Operating Temperature: -20°C to +60°C

Storage Temperature: -40°C to +70°C

Protection Class: IP66 Dust and Waterproof Rating

Power Supply

Internal Battery: Removable Li-Ion 3 Ah / 7.4 V

Operating Time: 14 h