

Total Station Solutions ▶ GT-1000/500



GT-1000/500

Robotic total stations

 **SEE HOW**

 **Product Info**



The GT series of robotic total stations are a trimmed down, high-performance solution that's ready to impress today, yet still grow with you into tomorrow. You get the efficiency of a single-operator robotic system, the power of long range reflectorless measurements, and the ability to perform as a hybrid positioning solution. All in a compact system that's a third smaller and twice as fast.

UltraSonic technology is the driving force for the GT Series. You can see and hear the difference immediately. The UltraSonic motors are the fastest available in the market - at 180 degrees per second it's the smoothest and most accurate prism-tracking available.

- Ultrasonic Direct Drive motors
- 30% smaller and lighter with more functionality
- Advanced UltraTrac technology
- 5 Year Guarantee
- Available in two models—GT-500 and GT-1000



Establish prism lock in seconds with the RC-5 remote!

Simple workflows for more efficient workdays

Easily meet the changing challenges of your project site. It all starts with MAGNET Field data collection software providing instant visual guidance to your design files and as-built measurements. Toggling between measurement modes of robotic, reflectorless, and/or Hybrid is a simple screen choice. Then, keeping your design files up to date is a snap through direct data exchange into your own private MAGNET Enterprise account.

For the construction professional, Pocket 3D software drives a GT instrument to assist with complex 3D road layout all the way through fast grade checking. All the while, project managers stay informed through Sitelink 3D management service. You get a robust system to support all machine control operations.

⊕ Specifications

GT-1000/500 Specifications

Telescope

Resolving Power	2.5"
Magnification	30x

Tilt Angle Compensation

Compensation	Liquid 2-axis tilt sensor
Range	±6'

Distance Measurement

Prism EDM Range	GT-500: 4,500 m GT-1000: 5,000 m
Prism EDM Accuracy	GT-500: 2mm+2ppm GT-1000: 1mm+2ppm
Measuring Time	Fine: 0.9 sec Rapid: 0.6 sec Tracking: 0.4 sec

Communications

Dust / Humidity	IP65
Operating Temperature	-20°C to 50°C
Wireless Communication	<i>Bluetooth®</i> Class 1

General

Display	Color touch TFT 800 x 480 display
Keyboard	24 keys with illuminator
Battery Operation	Up to 4 hours

Physical and Environmental

Dust / Humidity	IP65
Operating Temperature	-20°C to 50°C

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For more information, and to locate a dealer closest to you, visit:

<https://www.topconpositioning.com/#dealerModal>

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