

GT SERIES ROBOTIC TOTAL STATION





The Ultimate Total Station

- · UltraSonic Direct Drive motors
- 30% smaller and lighter than any previous Topcon robotic
- TSshield™ global service
- Advanced UltraTrac technology
- 3-year instrument warranty
- 5-year motor warranty
- · Available in two models

The GT Series of robotic total stations is a compact, high-performance solution. You get the effectory of a single-operator robotic system, the power of long-range refectorless measurements, and performance as a hybrid positioning solution.

Ultra-powerful

UltraSonic technology is the driving force for the GT Series. The UltraSonic motors are the thinnest, lightest, and most powerful on the market – providing you with the smoothest and most accurate prism-tracking possible. It's a difference you can see and hear immediately.

Ultra-accurate

Our new UltraTrac technology gives you increased prism-tracking strength in all conditions. Advanced instrument algorithms deliver the contact you need to move ahead. It's not that you lose line-of-sight, it's how fast you can reacquire and get back to work.

Ultra-slim and reliable

Featuring a remarkably slimmed down design, the compact system is a third smaller and lighter than any Topcon robotic instrument, yet twice as fast. Without traditional gears or wearing parts, the UltraSonic motors are more rugged and durable – lasting four times longer than previous total stations, and we back it with a we-year warranty.



Workdays turned into work ws

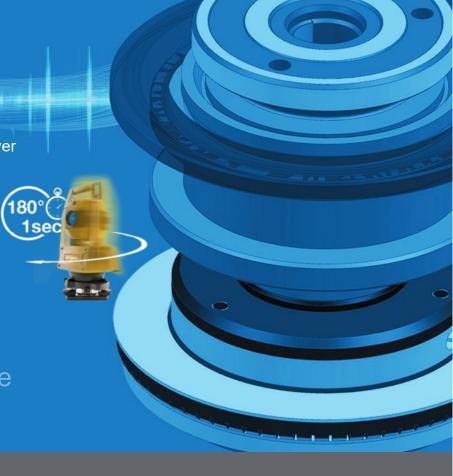
- Direct connectivity to both MAGNET® Enterprise and Sitelink3D global web services
- Easy collaboration from project sites to of the staff and managers
- Instant sharing with both Autodesk® AutoCAD
 Civil 3D and Bentley MicroStation

UltraSonic Motor

Experience power like you've never seen or heard before

- Long-lasting gearless design
- Turning speed of 180° per second
- Compact motor ef ciency

fastest robotic motor technology available





2.5"
30x
t
GT-1001: 1"
GT-1002: 2"
GT-1003: 3"
ation
Liquid 2-axis tilt sensor
±6'
nent
4,500 m 5,000 m
2 mm + 2 ppm 1 mm + 2 ppm
800 m 1,000 m
2 mm + 2 ppm (0.3 - 200 m)
Fine: 0.9 sec



LongLink™ interference-free communication

USB 2.0 Slot (Host + Slave)

RS-232C Serial	
General	
Display	Color touch TFT 800 x 480 display
Keyboard	24 keys with illuminator
Battery Operation	Up to 4 hours
Dust/Water Rating	IP65
Wireless Connection	Bluetooth® Class 1
Operating Temp	-20°C to 50°C
Turning Speed GT-500 GT-1000	120° per-second 180° per-second











Integrated cellular modem

- · Instant Internet connection from project site
- MAGNET® Field on-board for team collaboration
- · Asset management through MAGNET® Enterprise service

Sharp display

- · Larger and brighter color touch screen
- · User-friendly interface with simple setup routines and hot keys
- · Faster processor for improved response time

Versatile solution

- Hybrid Positioning™ with quick addition of compatible Topcon **GNSS** receiver
- Compatible with RC-5 remote
- Relectorless out to 1,000 m

Guaranteed reliability

- 3-year instrument warranty
- 5-year UltraSonic motor warranty
- TSshield™ for worry-free theft deterrence and Imware maintenance



For more information topconpositioning.com/gt-series

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