The GT Series of robotic total stations is a trimmed down, high-performance solution. You get the efficiency of a single-operator robotic system, the power of long-range reflectorless 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 the fastest on the market – providing you with the smoothest, fastest and most accurate prism-tracking possible. It’s a difference you can see and hear immediately. With a turning speed of 180° per-second, no matter how fast you move, or how many obstacles are in the way, you cannot outrun the GT.

Ultra-accurate
Our new UltraTrac technology gives you increased prism-tracking strength in all conditions. Advanced instrument algorithms deliver the confidence 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 five-year warranty.

Workdays turned into workflows
- Direct connectivity to both MAGNET® Enterprise and Sitelink3D global web services
- Easy collaboration from project sites to office staff and managers
- Instant file 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 backed by the industry leading warranty
- Turning speed of 180° per second
- Compact motor efficiency

fastest robotic motor technology available

30% smaller and lighter

- Fast and powerful EDM 1,000 m non-prism and 5,000 m prism range
- Integrated cellular modem
- Advanced angle accuracy
- Rugged waterproof and dustproof IP65 design
- Bright 4.3 inch color touchscreen display
- Integrated Bluetooth® and advanced LongLink™ communication technology
- Direct Drive motors with a turning speed of 180° per-second
- Advanced UltraTrac technology
- 24 key back-lit keyboard with 4-way directional arrow keys
- TSshield™ global service for auto maintenance and theft deterrence
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 HiPer SR receiver
- Compatible with RC-5 remote
- Reflectorless out to 1,000 m

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