

Topcon GTS-250W Series Total Stations

The GTS-250W series combines Topcon's tradition of rugged field-ready quality and accuracy and places it in an economical, compact design perfect for everyday measuring and positioning applications such as topo and construction layout. With Bluetooth communication the provides the user with a cable-free solution to connect data controllers or transfer data to a computer.

Features & Benefits

- Economical, value priced measuring solution
- Bluetooth cable-free communication
- Superior Waterproof and Dustproof (IP54)
- High Accuracy & Long Measuring Range
- Dual-Axis Tilt Sensor
- On-board programs with 24,000 points data storage
- Ideal construction total station

On-board data collection, Survey, Layout, Road Calculation, and many more functions.

Superior Waterproof & Dustproof

- GTS-250W series waterproof and dust-proof rating is IP54. This allows you to continue to your job when the weather slightly changes to a raining condition.

Bluetooth Cable-free Communication

- For contractors looking for a full Tablet computer you can connect the GTS-250W to the Topcon's Telsa, FC-2600 (Keyboard), or FC-250 without a cable. Bluetooth provides you with flexibility to be up to 10 feet away from the GTS-250W.

High Accuracy & Long Measuring Range

- High accuracy: $\pm(2\text{mm}+2\text{ppm} \times D)$ m.s.e.
- Long distance: 2,000m with a Single Prism.

Enhanced Absolute Encoder

- GTS-250W Series adopted an absolute encoder system, which doesn't require 0 set and realizes stable measurement with less reading error.

Dual-axis tilt sensor

- The dual-axis tilt sensor monitors inclination of both the X and Y axes, and the correct horizontal and vertical angle readings automatically.

Extra-large memory capacity for 24,000 points

- GTS-250W Series store the measured data up to 24,000 points.

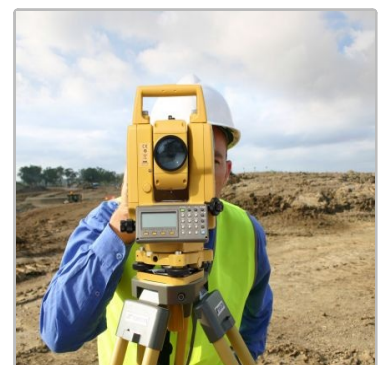
Versatile Application Functions

On-board data collection, Survey, Layout, Road Calculation, and many more functions.

LAYOUT function

- Layout function for coordinate measurement and control stakeout and resection measurements.

ROAD function



Topcon GTS-250 Series Total Station Specifications	
Angle Measurement	
Accuracy (ISO 17123-3:2001)	GTS-252: 2" GTS-255: 5"
Tilt Correction	Dual-axis liquid tilt sensor
Compensating Range	$\pm 3'$

Distance Measurement	
Range	2,000m (6,600ft.) / Under good conditions*2: 2,300m (7,500ft.) to 1 prism
Measuring Accuracy	2mm + 2ppm m.s.e.
Measuring Time	0.7s
Other	
User Interface	RS-232C
Data Storage	24,000 points
Dust and water protection (With BT-G1S)	IP54 (IEC 60529)
Operating Temperature	-20 to +50°C (-4 to 122°F)
Battery	1