

Product Name :
 Topcon Gowin Total Station

Product Code :
 SUR-0006



Description :

Topcon Gowin Total Station

Technical Specification :

Leveraging on Topcon's optimal manufacturing excellences; GOWIN ensured every single production process of the Total Station is in compliance with international standards and went through stringent quality control.

From fully-automated EDM trials, to 48 hours of non-stop extreme environment conditioning testing, GOWIN Total Station demonstrated its durability and operational superiority, highlighting GOWIN commitment to constantly improve.

The Topcon Gowin Total Station is ideally suited for all jobs requiring the accuracy and versatility of a high-quality total station. Its ease of use makes it ideal for construction jobs like layout. It's 2-second accuracy makes it perfect for the most demanding surveying and measuring tasks. Its low price makes it the right choice for every budget.

The Topcon Gowin Total Station provides an accurate, low cost measuring solution featuring:

- . 2" angle accuracy provides 1/16th of an inch accuracy at 1,000ft.
- . Dual keyboards with and expanded numeric keypad for faster data input.
- . Accurately measure up to 2,000m with a single prism.
- . Internal data storage for up to 24,000 points.
- . Single axis compensator with $\pm 3'$ compensating range.
- . IP54 environmental protection rating.

With a full alpha-numeric keypad and onboard memory that will hold up to 24,000 points, a 14-hour Li-on battery life, and an IP54 environmental rating, the Topcon Gowin Total Station is a full-featured instrument designed to meet the most rugged demands.

Onboard software includes functions such as road, missing line measurement and resection. For added efficiency, it is compatible with all current field controllers with a GTS series conventional total station driver installed.

Why work with out-dated instruments? The new Topcon Gowin Total Station lets you economically add the versatility and efficiency of a high-quality total station for all your layout, measuring, and surveying jobs.

Topcon Gowin Total Station Technical Specifications:

Objective (50mm diameter)

Magnification

Erect

Field of View

Resolving Power

Minimum Focus Distance

Angular Measurement

Resolution

Minimum Reading

Distance Measurement

2,000 Measurement Range

2,000ms

Accuracy (±2mm + 2ppm x D**)m.s.e.

17.5 Measurement Mode

0.7sec. Measurement Mode

0.4sec Measurement Mode

Yes Atmospheric Correction Range

Yes Prism Constant Correction Range

Software & Memory

Data Collection, Resection, Road, Stakeout, Area Calculation, Height Measurement, etc.

24,000 Points

RS-232C (Standard)

Display LCD, 2 Sides

Keypad Numeric Key

Tilt Correction (Automatic Index)

Tilt Sensor

Quick Connect Method

Compensating Range

Level Sensitivity

Bubble level

Circle level

Optical Plummet Telescope

Range

Magnification

Focusing Range

Field of view

Others

Protection (with Built Battery) and dust***

Operating Temperature (at 122°F)

Dimensions 184 (W) x 172 (L)mm

Weight (with Battery)

Battery (with Battery)

Battery Charger

Maximum Operating Time

Including Distance Measurement

60 Hz Measurement Only

DC 10V Voltage

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