

**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.

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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 Lens Diameter**

**Magnification**

**Image**

**Field of View**

**Resolving Power**

**Min Focus Distance**

**Angle Measurement**

**Mode**

Maximum Reading

## Distance Measurement

Distance Range

2,000m

$\pm (2mm + 2ppm \times D^{**})$  m.s.e.

Measurement Mode

Free Measurement Mode

Tracking Measurement Mode

Atmospheric Correction Range

Prism Constant Correction Range

Software & Memory

Data Collection Software Functions  
Data Collection Software Functions  
Stakeout, Area Calculation, Height  
Measurement, etc.

24000 Points

RS-232C (Standard)

Display LCD, 2 Sides

4-Alpha Numeric Key

Tilt Correction (Automatic Index)

Tilt Sensor

Direct Method

Compensating Range

Level Sensitivity

0.2 mm

0.2 mm

Optical Plummet Telescope

Image

Magnification

Focusing Range

Field of View

Others

Protection Against Water and dust\*\*\*

Operating Temperature (°F)

Dimensions (W) x (L)mm

Weight (with Battery)

On-board Battery

Battery Charger

Maximum Operating Time

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Including Distance Measurement

Angle Measurement Only

DC Input Voltage

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