

SOKKIA

GOWIN Total Station



The high-value, low-cost total station.

- Economical, value-priced measuring solution
- Two second angle accuracy
- Expanded, full numeric keypad
- On-board programs & 24,000 point data storage
- Ideal as a construction stakeout total station
- Perfect when combined with Sokkia's field controller and software

The Gowin is the layout and measuring tool designed and built specifically for construction. It's expanded keyboard and on-board software allows construction professionals to check grade, topo, set points and perform any number of other layout tasks previously requiring a surveyor.

Built to work the way you do, the Gowin comes standard with an RS232 port, perfect for use with Sokkia's handheld controllers. And the Gowin puts those inaccessible points within reach. As with all Sokkia instruments, the Gowin is built to exacting standards, reliable and cost effective, and will provide years of productivity.

If you or your crew has ever waited for stakes to be set or replaced, or wished you could quickly determine how much material you've moved in a day, then Sokkia's Gowin is for you. Contact your Sokkia dealer today for a demonstration.



High Accuracy

The Gowin total station has the high accuracy angle specification that meets even the highest land surveying standards. A 2 second angle accuracy provides 1/16th of an inch accuracy at 1000 feet.



Expanded Numeric Keyboard

A full alpha/numeric on-board keyboard makes for faster data input and ease of use.



Compatible with Sokkia's Handheld Controller

Sokkia's SHC250 handheld controller feature a fast processor and bright graphical display. See your jobsite displayed on a map view with this handheld controller.

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800.4.SOKKIA
www.sokkia.com

Specifications subject to change without notice
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Gowin Specifications

MODEL	TKS-202
TELESCOPE	
Length	150mm
Object Lens Diameter	45mm (EDM:50mm)
Magnification	30x
Minimum Focusing Distance	1.3m
DISTANCE MEASUREMENT *1	
1 prism	2,000m
3 prism	2,700m
Accuracy	±(2mm + 2ppm x D) m.s.e.
MEASURING TIME	
Fine Mode	1mm: 1.2sec (Initial 4sec) 0.2mm: 2.8sec (Initial 5sec)
Coarse Mode	0.7sec (Initial 3sec)
Tracking Mode	0.4sec (Initial 3sec)
ELECTRONIC ANGLE MEASUREMENT	
Method	Absolute Reading
Detecting System	Horizontal Angle: 2 side, Vertical Angle: 1 side
Accuracy	2"
TILT CORRECTION	
Tilt Sensor	Single Axis
Method	Liquid Type
Compensating Range	±3'
DISPLAY	
Display Unit	2 side
Display Type	Dot Matrix Graphic LCD
Keyboard	24 keys
BATTERY LIFE	
Angle & Distance Measurement	14 h
Angle Measurement Only	60 h
OTHERS	
Serial Signal Connection	Yes
Environmental Protection	IP54
Internal Data Memory	24,000 pts
Ambient Temperature Range	-4°F to +122°F (-20°C to +50°C)
Plummet	Optical Only

*1: Sight haze with visibility about 20km (12.5miles) moderate sunlight with light heat shimmer.

Gowin Package Includes:

- Instrument
- On-board Battery
- Battery Charger
- Tool Kit
- Silicon Cloth
- Rain Cover
- Manual
- Carrying Case



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