

ELECTRONIC TOTAL SOLUTION TKS-202

TOPCON (Beijing) Technologies Co. Ltd

Based on rich surveying experience, TOPCON (Beijing) Technologies Co. Ltd brings you "GOWIN", the trusted surveying brand which specializes in precision Total Station.

"GOWIN" represent our commitment and consistency to deliver to you the highest precision level and surveying standards through our expertise. Custom-made to suit the human contour, GOWIN Total Station is the key to demanding fields job as they are ruggedly built to withstand harsh working conditions.



SPECIFICATION



GOWIN 科维

TELESCOPE

Objective Lens Diameter	45mm (EDM:50mm)
Magnification	30x
Image	Erect
Field of View	1° 30'
Resolving Power	3.0"
Min. Focus Distance	1.3m

ANGLE MEASUREMENT

Accuracy*	2"
Method	Absolute
Minimum Reading	1" / 5"

DISTANCE MEASUREMENT

Distance Range :	
- 1 prism	2,000m
- 3 prisms	2,700m
Accuracy	± (2mm + 2ppm x D**) m.s.e.
Measuring Time :	
- Fine Measurement Mode	1.2 sec (Initial 4 sec.)
- Coarse Measurement Mode	0.7 sec.
- Tracking Measurement Mode	0.4 sec.
Atmospheric Correction Range	Yes
Prism Constant Correction Range	Yes

SOFTWARE AND MEMORY

On-Board Software Functions	Data Collection, Resection, Road, Stakeout, Area Calculation, Height Measurement, etc.
Internal Memory	24,000pts
Interface	RS-232C (Standard)

DISPLAY

Display Unit	Graphics LCD, 2 Sides
Keyboard	24 Alpha-Numeric Key

TILT CORRECTION (AUTOMATIC INDEX)

Tilt Sensor	Yes
Correction Method	Liquid Type
Compensating Range	± 3'

LEVEL SENSITIVITY

Plate Level	30" / 2mm
Circular Level	10' / 2mm

OPTICAL PLUMMET TELESCOPE

Image	Erect
Magnification	3x
Focusing Range	0.5 to infinity
Field of View	3" and above

FINEST QUALITY, ONLY FROM GOWIN



ENVIRONMENTAL TESTS

Every single GOWIN Total Station undergoes long periods of tough atmospheric checks to ensure the instruments are operational even in extreme environmental conditions



AUTOMATED EDM TESTS

With the largest EDM inspection facilities in China, it ensured that the measurement accuracy of GOWIN Total Station is at a constant 2 + 2ppm.



HIGH FREQUENCY VIBRATION TESTS

Each GOWIN Total Station is required to go through a simulated external "tremor" assessment to affirm the ruggedness and long term durable performance of the instrument.



ANGLE COLLIMATION TEST

The final step to GOWIN Total Station manufacturing excellence is the strict angle collimation review to guarantee the instrument angle accuracy at 2" sharp.

STANDARD COMPONENT



- Total Station (with lens cap) x1
- Plastic Carrying Case x1
- Battery Charger BC-L1 x1
- On-board Battery BT-L1 x1
- Plastic Rain Cover x1

GOWIN 科维

Manufacturer

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Your Local Authorized Dealer :

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