

TOPCON GTS-100N SERIES **TOTAL STATION**



The Topcon GTS-100N series total station combines traditional rugged field-ready quality and accuracy with an economical, compact design that is perfect for everyday measuring and positioning applications such as surveying and construction layout.

Featuring an internal memory capacity of up to 24,000 points, the GTS-100N comes with on-board software that will enable setting out and surveying for all of your site tasks.

An expanded numeric keypad combined with a backlit LCD ensure simple and assured input of points and layout information including calculations.

With environment proofing to IP54, it's ready to work when you need it and not only when environmental conditions are perfect!

SPECIFICATIONS		
TELESCOPE	GTS-102N	GTS-105N
Magnification	30x	
Accuracy	0.6mgon / 2"	1.5mgon / 5"
Minimum Reading	0.2mgon / 1"	0.2mgon / 1"
Resolving Power	3"	
Minimum Focus	130cm	
DISTANCE MEASUREMENT		
Single Prism	2,000m	
Three prism	2,700m	
Measuring Accuracy	±(2mm + 2ppm × D) m.s.e	
Measuring Time	Fine: 1mm: 1.2 sec. (initial 4 sec), 0.2mm: 2.8 sec. Coarse: (initial 5 sec) Tracking: 0.2mm: 0.7 sec. (initial 3 sec) 0.2mm: 0.4 sec. (initial 3 sec)	
TILT COMPENSATOR		
Tilt Sensor	Single axis	
Method	Liquid type	
Range	±3'	
Correction Unit	1"	
GENERAL		
Display / Keyboard	Backlit Dot matrix LCD (160 x 64 dot) / 24 keys	
Battery Life (BT-G1)	40 hours distance only 9 hours angle and distance	
Data Port	RS232 serial connection	
Internal Data Memory	24,000 points	
Plummet	Optical Only	
Environmental Protection	IP54	
Warranty	2 years	

FEATURES:

- Economical, value priced measuring solution
- Rugged, durable, water resistant design
- 2" or 5" accuracy
- Expanded full numeric keypad
- On board programs & 24,000 point data storage
- Ideal as a construction stakeout total station
- Perfect when combined with FC field controller and software
- Upload and download data to a pc via a communication cable



COST EFFECTIVE SURVEY SOLUTION



TOPCON FIELD CONTROLLERS

The GTS-100N and GTS-230N series total stations can be paired with a Topcon field controller, giving you an easy and advanced interface in the palm of your hand.

VISIT PAGE 61 FOR MORE INFORMATION.

