



# GTS-1000

Economical All-weather Total Station





## TOPCON GTS-1002 Reflectorless Total Station



### Specifications

<b>Model</b>	<b>GTS-1002</b>	
Telescope		
Magnification/Resolving power	30X/2.5"	
	Length: 150mm, Objective aperture: 45mm (EDM:48mm),	
Other	Image: Erect, Field of view: 1°30' (26m/1,000m),	
	Minimum focus: 1.3m	
Angle measurement		
Display resolutions	1"/5"	
Accuracy (ISO 17123-3:2001)	2"	
Method	Absolute	
Compensator	Dual-axis liquid tilt sensor, working range: ±6'	
Distance measurement		
Laser output level	Non prism:	3R Prism/ Reflector 1
Measuring range		
(under average conditions *1 )		

<i><b>Distance</b></i>		
	Reflector Less	0.3 ~ 350m
	Mini Prism	1.3 ~ 500m
	One Prism	1.3 ~ 4,000m/ under average conditions *1 : 1.3 ~ 5,000m
Accuracy	Reflector Less	(3+2ppm×D)mm
	Reflector	(3+2ppm×D)mm
	Prism	(2+2ppm×D)mm
Measurement time		Fine: 1mm: 0.9s Coarse: 0.7s, Tracking: 0.3s
<i><b>Interface and Data management</b></i>		
Display/keyboard		Adjustable contrast, backlit LCD graphic display / With backlit 25 key (alphanumeric keyboard)
Control panel location		On both faces
<i><b>Data storage</b></i>		
	Internal memory	10,000pts.
	External memory	USB flash drives (maximum 8GB)
Interface		RS-232C; USB2.0
General		
laser Designator		Coaxial red laser
Levels	Circular level	±6'
	Plate level	10' /2mm
Optical plummet telescope		Magnification: 3x, Focusing range: 0.3m to infinity,
Dust and water protection		IP66
Operating temperature		-20 ~ +60°C
Size		191mm(W)×181mm(L)×348mm(H)
Weight		5.6kg
Power supply		
Battery		BT-L2 lithium battery
Working time		25 hours

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