


SPECIFICATIONS

		NTS-362L	NTS-365L	NTS-365B	NTS-365S
Distance Measurement					
Max. Range	Single prism		5.0km	2.4km	1.8km
※Object in shade, or sky overcast					
Accuracy	Reflector	Fine	±(2+2ppm×D) mm		
(ISO17123-4)		Tracking	±(5+2ppm×D) mm		
		IR sheet	±(5+2ppm×D) mm		
Reading			Max:99999999.9999 m Min:0.1 mm		
Measuring Time	Reflector		Fine mode: <1.2s ;Tracking mode:<0.5s IR sheet mode:<1.2s		
Atmospheric Correction			Manual input, Auto correction		
Atmospheric Refraction And Earth Curvature Correction			Manual input, Auto correction		
Prism Constant			Manual input, Auto correction		
Dist. Unit			Meter/U.S. feet/International feet/Feet -inch selectable		
ANGLE MEASUREMENT					
Measuring Method			ABSOLUTE READING		
Dia. of Encoder Disk			79mm		
Minimum Reading			1" / 5" (0.3/1.5 mgon)		
Accuracy (ISO 17123-3)			2 "	5 "	
Detection Method			Horizontal: Dual, Vertical: Dual		
TELESCOPE					
Image			Erect		
Tube Length			154mm		
Effective Aperture			45mm, (EDM: 50mm)		
Magnification			30 ×		
Field of view			1° 30'		
Minimum Focus Distance			1m		
Resolving Power			3"		
Reticle Illumination			Adjustable		
AUTO COMPENSATOR					
System			Dual axis Liquid-electric		
Working Range			± 3'		
Accuracy			1"		
VIAL					
Plate Vial			30" / 2 mm		
Circular Vial			8' / 2 mm		
OPTICAL PLUMMET					
Image			Erect		
Magnification			3 ×		
Focusing Range			0.5m ~ ∞		
Field of View			5°		
ON-BOARD BATTERY					
Type			Rechargeable NI-MH battery		
Voltage			DC 6V		
Continuous Operation Time			8 hrs	9 hrs	8 hrs
OTHERS					
IP Standard			IP65		
Keyboard			Alphanumeric 24 keys		
Display			LCD. 6 lines, digital		
Data Communication			RS-232C , USB , SD		
Data Storage	Internal Memory	2M, Ready for 17,000 data blocks		Ready for 15,000 data blocks	
	External Memory	SD card 2GB, ready for approx, 17,000,000 data blocks			
Temperature			- 20℃ ~ + 50℃		
Dimension and Weight			160 × 150 × 330mm, 5.2kg		


dealer info

STANDARD CONFIGURATION




1. Mainbody	1x
2. Backup on-board Battery	2x
3. Charger	1x
4. Communication Cable	1x
5. Tools Kit	1x
6. Belt for Case	2x
7. Dryer	1x
8. Plummet	1x
9. Carrying Case	1x
10. Operation Manual	1x
11. Software CD	1x
12. TS QC PASS	1x
13. Warranty Card	1x
14. Rain Cover	1x

USB Communication Cable



CE-203U


Battery and Charger




NB-25 SC-20

EU/US/JP/UK/UL Type chargers available

OPTIONAL ACCESSORIES



Solar Filter NF-20 Diagonal Eyepiece NE-20 Compass CP-20





NTS-360 SERIES
TOTAL STATION

LASER PLUMMET OPTIONAL



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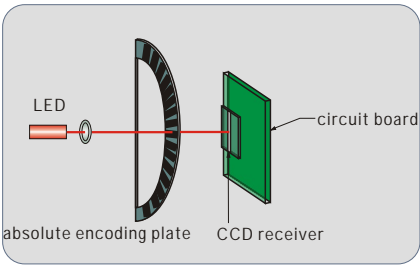
NTS-360 Series

Excellent Functionality

SOUTH total station NTS-360 is embedded with various outstanding surveying programs, coupled with functions of data storing and parameter setting, which can be widely applied in various kinds of professional and construction survey.

Absolute Encoding Disk

With absolute encoding disk, you can start your work directly as the instrument is powered on. Azimuth angle will be saved even if the power is off incidentally in the job.

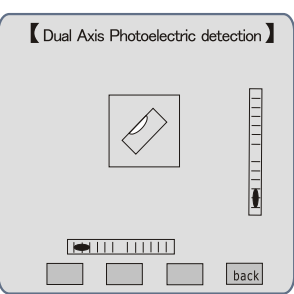
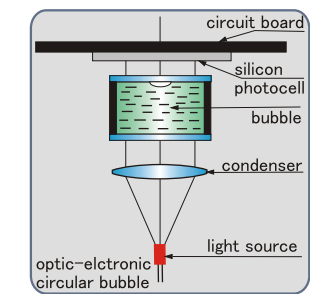


Six-line large LCD



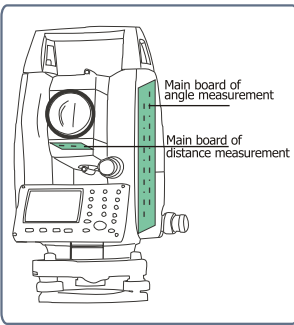
Convenient Management on Internal Memory. Huge capacity of internal memory enables you to easily complement file system management, including adding, deleting, modifying and transferring data.

Dual Axis Compensation



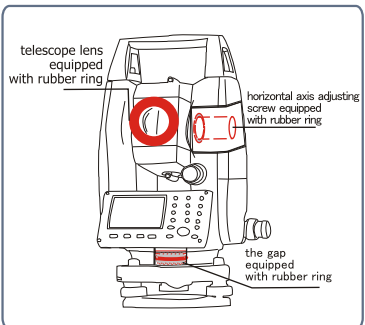
SD card Function and USB interface

SD card provides huge memory, fast speed of data transferring, incredibly flexibility and reliable safety. Saving various data of job into the SD card, you can easily read it just by inserting it into the SD port of your laptop. USB interface is the international mainstream for PC communication, with it your job must be much easier.



Different Main Board

Using different main board for angle measurement and distance measurement, more simple and reasonable structure, easy maintaining.



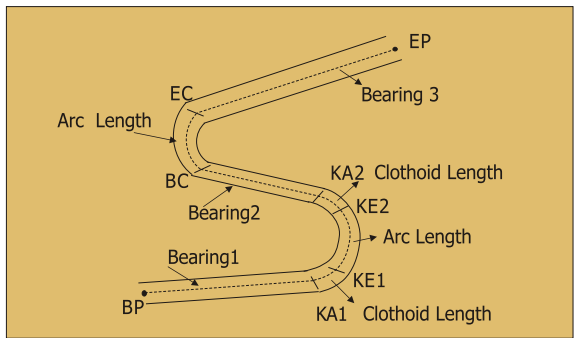
Water and Dust Proof:IP65



Laser Plummet (optional)

Various Surveying Programs

Besides of ordinary surveying programs, such series of total station also has special surveying programs, such as remote height measurement, offset measurement, remote distance measurement, stake out, resection, area calculation, road design and stake-out, etc., which are sufficient to meet the needs of professional measurement and surveying measurement.



The Road Design Measurement

