

## SPECIFICATIONS

		NTS-362	NTS-365	NTS-365A	NTS-365B
<b>Distance Measurement</b>					
Max. Range	Single prism	5.0km		3.0km	2.4km
※Object in shade, or sky overcast					
Accuracy	Reflector	± (2+2ppm×D) mm			
		Tracking			
		IR sheet			
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			
<b>ANGLE MEASUREMENT</b>					
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			
<b>TELESCOPE</b>					
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			
<b>AUTO COMPENSATOR</b>					
System		Dual axis Liquid-electric			
Working Range		± 3'			
Accuracy		1"			
<b>VIAL</b>					
Plate Vial		30" / 2 mm			
Circular Vial		8" / 2 mm			
<b>OPTICAL PLUMMET</b>					
Image		Erect			
Magnification		3×			
Focusing Range		0.5m ~ ∞			
Field of View		5°			
<b>ON-BOARD BATTERY</b>					
Type		Rechargeable NI-MH battery			
Voltage		DC 6V			
Continuous Operation Time		8 hrs	10 hrs	9 hrs	
<b>OTHERS</b>					
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°C ~ +50°C			
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

NC-20

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

## OPTIONAL ACCESSORIES



Solar Filter  
NF-20

Diagonal Eyepiece  
NE-20

ISO 9001:2000



CE



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Target your success

# NTS-360 SERIES

## TOTAL STATION

LASER PLUMMET OPTIONAL



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**SOUTH SURVEYING & MAPPING INSTRUMENT CO.,LTD.**

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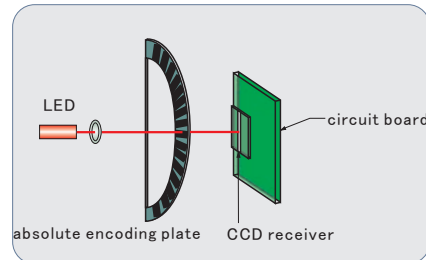
# NTS-360 Series

## Excellent Functionality

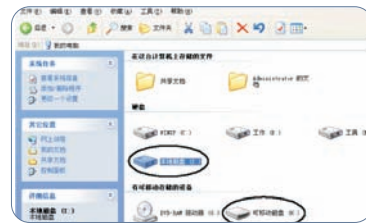
SOUTH total station NTS-360 is embedded with various outstanding surveying programs, coupled with functions of data storing and parameter setting, which can be widely applied in various kinds of professional and construction survey.

## 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.

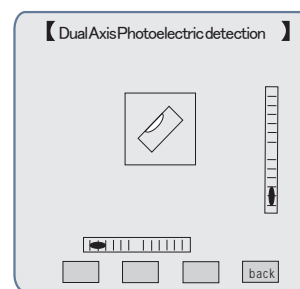
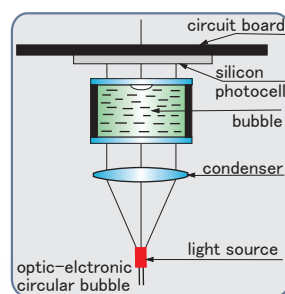


## Six-line large LCD



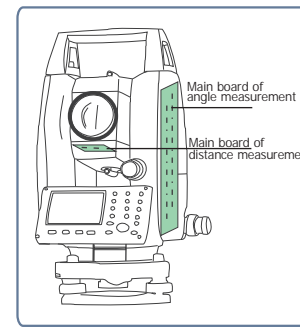
Convenient Management on Internal Memory. Huge capacity of internal memory enables you to easily complement file system management, including adding, deleting, modifying and transferring data.

## Dual Axis Compensation



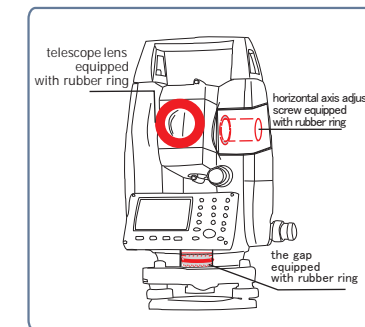
## SD card Function and USB interface

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

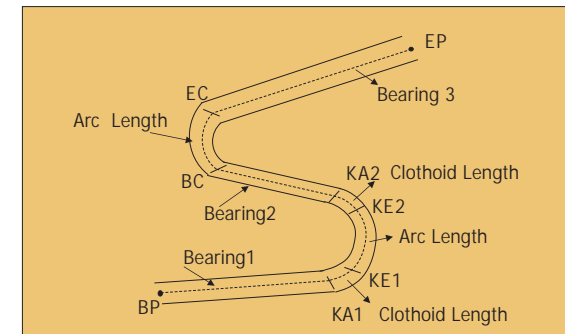
Using different main board for angle measurement and distance measurement, more simple and reasonable structure, easy maintaining.



Water and Dust Proof: IP65



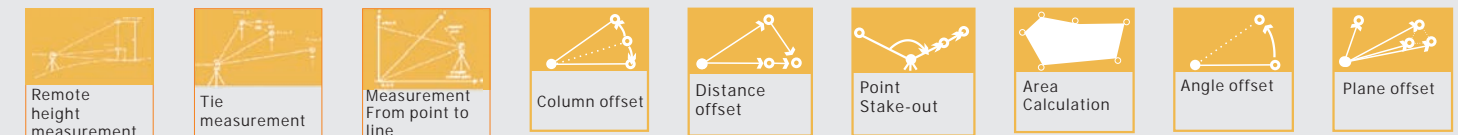
Laser Plummet ( optional)



The Road Design Measurement

## 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.



# LANDING

