

SPECIFICATIONS

		NTS-362	NTS-365
Distance Measurement			
Max. Range	Single prism	5.0km	
Object in shade, or sky overcast			
Accuracy	Reflector	2mm+2ppm	
	Fine	5mm+2ppm	
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 continuous	
Dia. of Encoder Disk		79mm	
Minimum Reading		1"/ 5"(0.3/1.5 mgon)	
Accuracy		2"	5"
Detection Method		Horizontal: Dual, Vertical £Dual	
TELESCOPE			
Image		Erect	
Tube Length		154mm	
Effective Aperture		45mm,(EDM: 50mm)	
Magnification		30x	
Field of view		1° 30'	
Minimum Focus Distance		1m	
Resolving Power		3"	
AUTO COMPENSATOR			
System		Dual axis Liquid-electric	
Working Range		±3'	
Accuracy		3"	
VIAL			
Plate Vial		30"/2 mm	
Circular Vial		8' /2 mm	
OPTICAL PLUMMET			
Image		Erect	
Magnification		3x	
Focusing Range		0.5m-∞	
Field of View		5°	
ON-BOARD BATTERY			
Type		Rechargeable NI-MH battery	
Voltage		DC 6V	
Continuous Operation Time		8 hrs	
OTHERS			
Display		LCD, 6 lines, digital	
Data Communication		RS-232C , USB , SD	
Data Storage	Internal Memory	2M, ready for 17,000 data blocks	
	External Memory	SD card 2GB, ready for approx, 17,000,000 data blocks	
Temperature		-20°C - +50°C	
Dimension and Weight		160 x 150 x 330mm, 5.2kg	

SOUTH
Target your success

SOUTH Precision Instrument Pvt. Ltd.

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CUSTOMER SERVICE SUPPORT

AHMEDABAD

CHENNAI

HYDERABAD

INDORE

KOLKATA

MUMBAI

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



SOUTH newsletter service releases soon!
To subscribe, please send an email to
enews@southsurvey.com with the words 'Subscribe
newsletter' in the subject line.

SOUTH
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NTS-360 SERIES TOTAL STATION

LASER PLUMMET OPTIONAL



WWW.SOUTHSURVEY.COM
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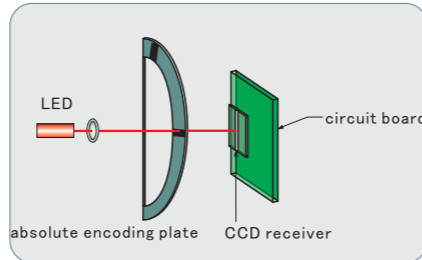
NTS-360 Series

Excellent Functionality

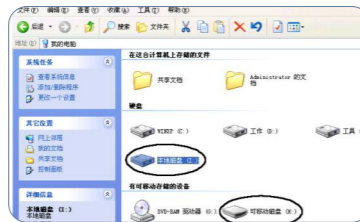
SOUTH total station NTS-360 is embedded with various outstanding surveying programs, coupled with functions of data storing and parameter setting, which can be widely applied in various kinds of professional and construction survey.

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.

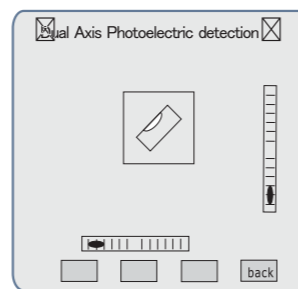
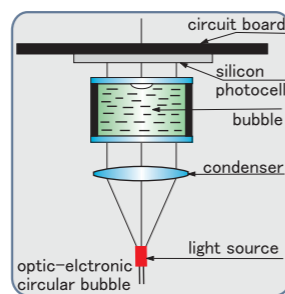


Six-line large LCD



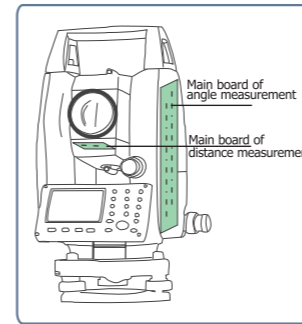
Convenient Management on Internal Memory. Huge capacity of internal memory enables you to easily complement file system management, including adding, deleting, modifying and transferring data.

Dual Axis Compensation



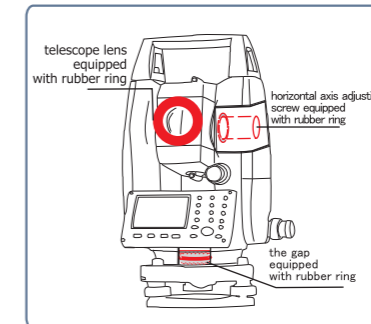
SD card Function and USB interface

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

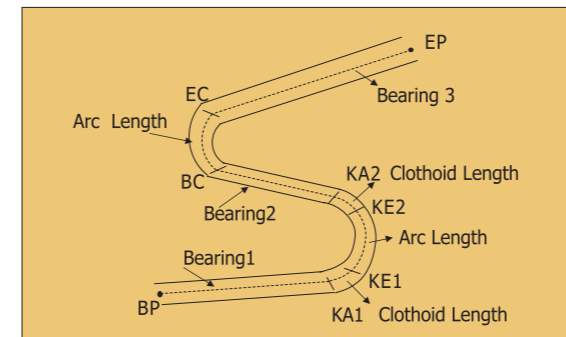
Using different main board for angle measurement and distance measurement, more simple and reasonable structure, easy maintaining.



Water and Dust Proof: IP65



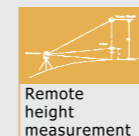
Laser Plummet (optional)



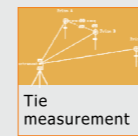
The Road Design Measurement

Various Surveying Programs

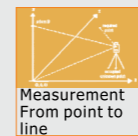
Besides of ordinary surveying programs, such series of total station also has special surveying programs, such as remote height measurement, offset measurement, remote distance measurement, stake out, resection, area calculation, road design and stake-out, etc., which are sufficient to meet the needs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



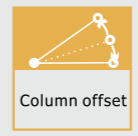
Remote height measurement



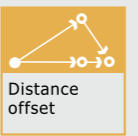
Tie measurement



Measurement From point to line



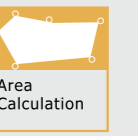
Column offset



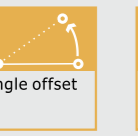
Distance offset



Point Stake-out



Area Calculation



Angle offset



Plane offset

LANDING

