

SPECIFICATIONS

			NTS-362R6
Distance Measurement			
Max. Range	Reflectorless		600m(※)
	Single prism		5.0km
	Triple prism		7.0km
※ Object in shade, or sky overcast			
Accuracy	Reflectorless	Fine	3mm+2ppm
		Tracking	5mm+2ppm
	Reflector	Fine	2mm+2ppm
		Tracking	3mm+2ppm
		IR sheet	3mm+2ppm
Reading			Max:99999999.9999 m Min:0.1 mm
Measuring Time	Reflectorless	Fine	0.8s
	Reflector	Tracking	0.4s
Atmospheric Correction			Auto correction
Atmospheric Refraction And Earth Curvature Correction			Auto correction
Prism Constant			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			0.5"
Accuracy			2"
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			3 x
Focusing Range			0.5m ~ ∞
Field of View			5°
ON-BOARD BATTERY			
Type			Rechargeable Ni-H battery
Voltage			DC 6V
Continuous Operation Time			8-10hrs
OTHERS			
Display			320x240 pixel, 2.7 inch LCD
Data Communication			RS-232C , USB , SD
Temperature			-20°C ~ +50°C
Dimension and Weight			200 x 180 x 350mm, 5.8kg

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

NC30NC-20

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


OPTIONAL ACCESSORIES



Solar Filter
NF-20



Diagonal Eyepiece
NE-20

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ISO 9001:2000



CE



- ▶ Excellent Functionality
- ▶ Absolute Encoding Disk
- ▶ Six-line large LCD
- ▶ Dual Axis Compensation
- ▶ SD card Function and USB interface
- ▶ Reflectorless Distance Measurement
- ▶ Various Surveying Programs

SOUTH
Target your success

NTS-360R6
Upgraded & Enhanced



WWW.SOUTHSURVEY.COM
WWW.SOUTHINSTRUMENT.COM
WWW.SOUTHPRECISION.IN

India Headquarters

SOUTH PRECISION INSTRUMENT PVT. LTD.

Add: 1111, 11th Floor, RG Trade Tower, Plot No.-B 7, Netaji Subhash Place,
 Pitam Pura, New Delhi - 110034
 Tel: 011-49995999 Mob No: 9999999255, 9910697973 Fax: 011-45605999
 E-mail: india@southsurvey.com
www.southinstrument.com www.southprecision.in

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Ahmedabad Chennai Hyderabad Indore Kolkata Mumbai

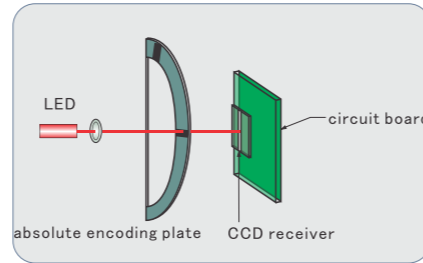


Excellent Functionality

SOUTH total station NTS-360R6/360R is embedded with various outstanding surveying programs, coupled with function 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.

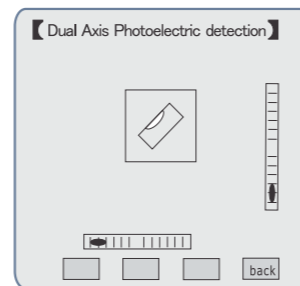
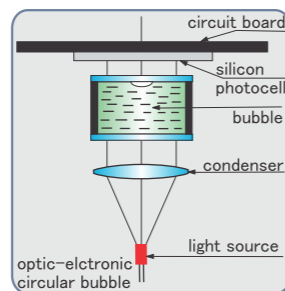


Six-line large LCD



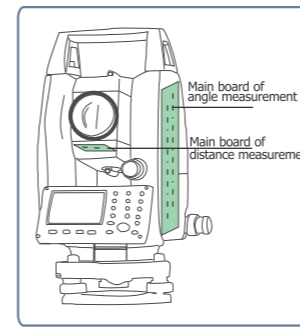
Convenient Management on Internal Memory. Huge capacity of internal memory enables you to easily complement file system management, including adding, deleting, modifying and transferring data.

Dual Axis Compensation



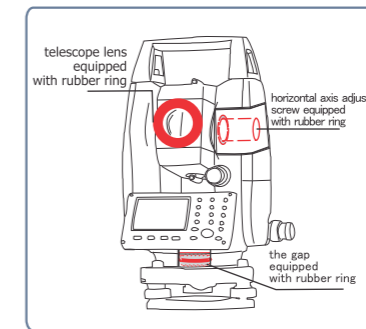
SD card Function and USB interface

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)

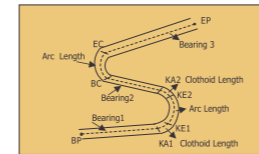
Reflectorless Distance Measurement



Total Station NTS-360R6 series is functioned by reflectorless distance measurement, range up to **600m** which is applicable for long distance measurement with high accuracy on various kinds of materials or colors such as wall, wire pole, wire, cliff, hill, earth, timber pile, etc. For those targets which are not easy or even impossible to reach, reflectorless distance measurement can complete the measurement task easily.



Various Surveying Programs



The Road Design Measurement

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