

SOUTH

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NTS-350/350R

SERIES TOTAL STATION



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NTS-350 Series

High Accuracy

Accuracy : 2mm+2ppm

Long Measuring Range

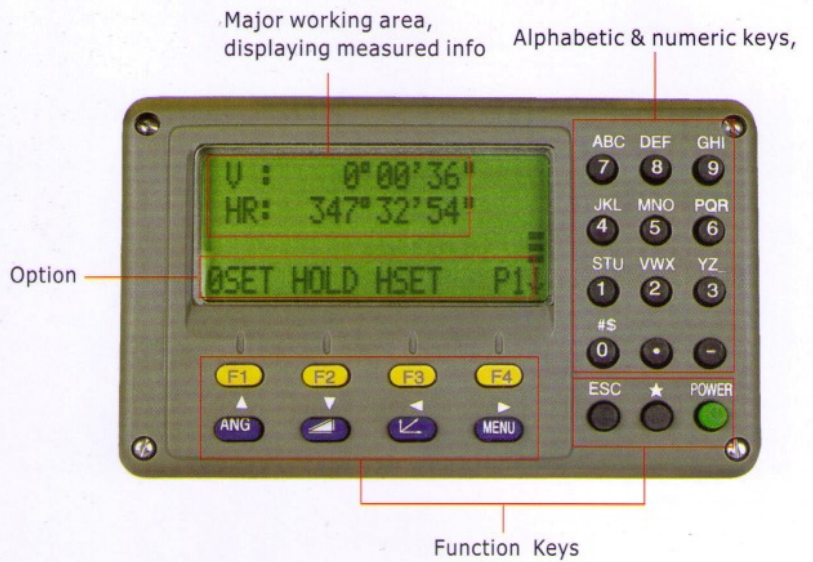
Range: 2.6km.



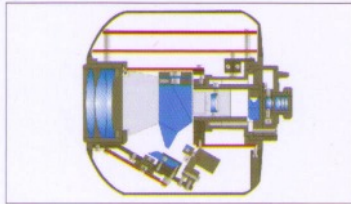
Features

- Handy EDM Head
- Complete Application Programs
- Extended Internal Memory (Max. 17000 Points)
- Convenient Data Management System
- Superior Waterproof & Dustproof Capabilities
- Min. Reading 0.1mm

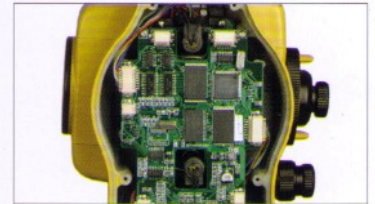
Display



Handy EDM Head



Extended Internal Memory (max. 17000 Points)



Superior Waterproof & Dustproof Capabilities



NTS-350R Series

Measuring range without prism: 200m

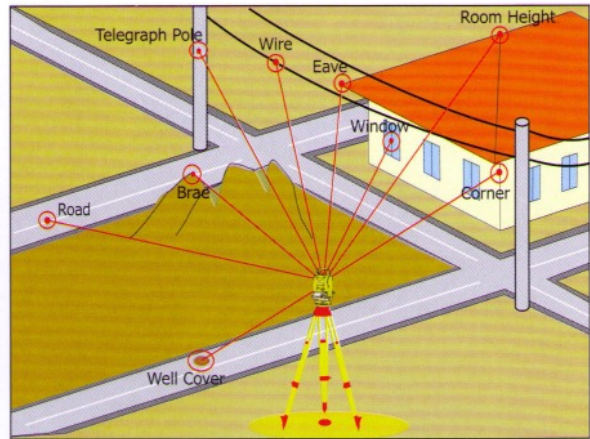
Accuracy: 5+3ppm

Measuring range with prism: 4000m

Accuracy: 2+2ppm

Cadastration Measurement

The corner, metope, windows, electrical wire, telegraph pole, road, well all can be measured by one person without prisms.



Construction Measurement



Measure the corner and wall surface by yourself without setting the prism, the efficiency is improved.

Dam Measurement



You don't have to take pains to go around and set prisms. The surveying work is easily finished.

Tunnel Measurement



Prisms are not necessary. The measuring point is visible, which makes point-layout easier and more convenient.

Electric Wire Measurement



No worry about how to set up the prism, no need to use REM application. It is easy to get the data of electric wire.

House Measurement



Obtain the data directly, traditional steel ruler measurement is abandoned.



The Innovation of Surveying

SPECIFICATIONS

		NTS-352	NTS-352R	NTS-355	NTS-355R
Distance Measurement					
Max. Range	Reflectorless		200m		200m
	1P	2.3km	4.0km	1.8km	4.0km
	3P	2.6km		2.0km	
Accuracy	Reflectorless		5+3ppm		5+3ppm
	Reflector	2+2ppm	2+2ppm	2+2ppm	2+2ppm
Reading	Max. 99999999.9999mm; Min. 0.1mm				
Measuring Time	Fine mode: 1.8s; Tracking mode: 0.6s				
Atmospheric Correction	Automatic correction by inputting parameter				
Prism Constant Correction	Automatic correction by inputting parameter				
Angle Measurement					
Measurement Method	Absolute Encoding				
Raster Disk Diameter	79mm				
Minimum Reading	1"/ 5"				
Accuracy	2"		5"		
Detection Method	Horizontal: Dual Vertical: Dual				
Telescope					
Image	Erect				
Length	154mm				
Effective Aperture	Telescope: 45mm; Object Lens (50mm)				
Magnification	30X				
Field of View	1°30'				
Resolving Power	4"				
Minimum Focussing Distance	1m				
Auto Vertical Compensator					
Type	Liquid-electric Detection / Plate Vial				
Compensation Range	± 3'				
Accuracy	1"				
Level Sensitivity					
Plate Vial	30"/ 2mm				
Circular Vial	10' / 2mm				
Optical Plummet					
Image	Erect				
Magnification	3X				
Focussing Range	0.5m ~ ∞				
Display	LCD, 4 Lines				
Data Port	RS-232C				
Battery	Ni-H, Rechargeable				
Voltage	6V (DC)				
Operating Time	3 hrs (small battery) ; 8 hrs (big battery)				
Charging Time	10 hrs				
Operating Temperature	-20° ~ +45°				
Size & Weight	L160 x H330 x W150 mm; L200 x H350 x W180 mm(350R), 5.8kg				

STANDARD CONFIGURATION



- | | |
|-------------------------|----|
| 1. Mainframe | 1x |
| 2. Rechargeable Battery | 2x |
| 3. Battery 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 |

USB Communication Cables



CE-203U

Battery and Charger



NB-20



NC20

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

COMPATIBLE ACCESSORIES



Solar Filter
NF-20



Diagonal Eyepiece
NE20



SOUTH

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