

SPECIFICATIONS

		NTS-332R5	NTS-335R5
Distance Measurement			
Max. Range	Reflectorless	500m	500m
	1 Prism	5.0km	5.0km
	3 Prism	6.0km	6.0km
	Mini Prism(Φ25.4mm)	800m	800m
Accuracy		Reflectorless 3mm+2ppm Reflector 2mm+2ppm	
Reading		Max.99999999.999m; Min. 1mm	
Measuring Time	Reflectorless	Fine mode: <1.2s ;Tracking mode: <0.5s	
	Reflector	Fine mode: <1.2s ;Tracking mode: <0.5s IR sheet mode: <1.2s	
Atmospheric Correction		Auto correction with temperature & pressure sensor	
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		30 ×	
Field of view		1° 30'	
Minimum Focus Distance		1m	
Resolving Power		3"	
AUTO COMPENSATOR			
System		Dual axis Liquid-electric	
Working Range		± 6'	
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-H battery	
Voltage		DC 6V	
Continuous Operation Time		8 hrs	
OTHERS			
Display		LCD, 6 lines, digital	
Data Communication		RS-232C , USB , SD	
Temperature		- 20℃ ~ + 50℃	
Dimension and Weight		160 × 150 × 330mm, 5.2kg	

ACCESSORIES



Minin Prism System TPSmini112B



TPS11 Single Prism system



ATS-1 Aluminum Tripod

ATS-2 Wooden Tripod

Prism Pole & Prism System TPS101

Dealer info

SOUTH
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NTS-330R5 Series
Total Station



SOUTH SURVEYING & MAPPING INSTRUMENT CO.,LTD.

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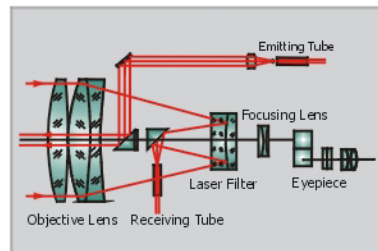


3.5-inch LCD

The large LCD screen provides you a better interface. Clearer display, easier operation.

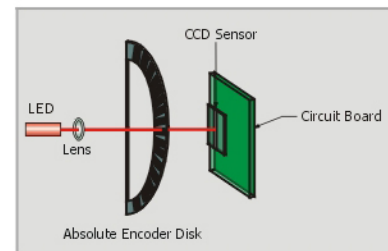


FEATURES



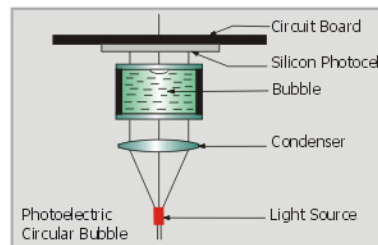
Laser Path Diagram

Upgraded laser path system delivers much longer measuring range



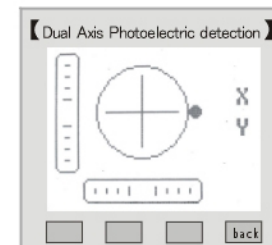
Absolute Encoding Disk

Proved by market, high performance of angle measurement system guaranteed



Dual Axis Compensation

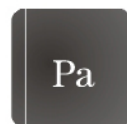
The integrated dual-axis compensator provides automatic error correction for both horizontal and vertical axis, double directions guaranteed



SD Card Function



USB Interface



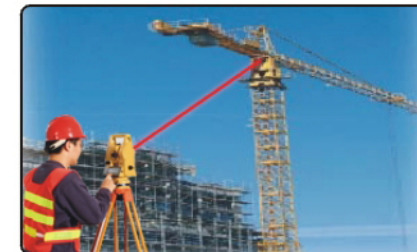
Automatic Correction of Temperature & Pressure Sensor



Laser Plummet (Optional)



Construction Measurement



Electric Wire Measurement



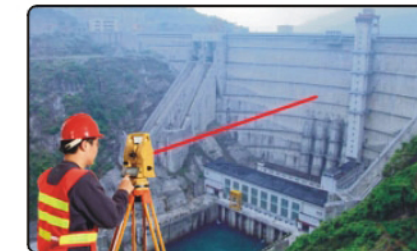
House Measurement



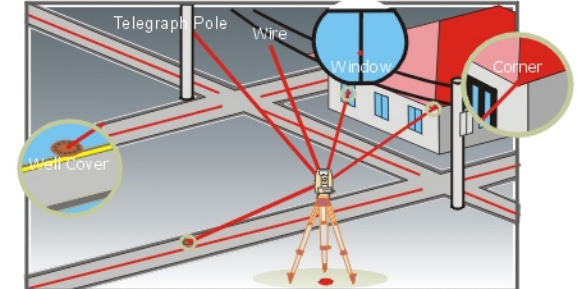
Large Framework Measurement



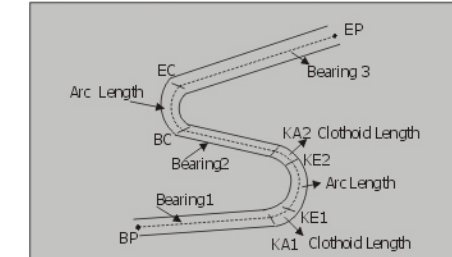
Dam Measurement



Laser Distance Measurement



Road Design Measurement



Various Surveying Programs

Besides the basic survey programs, other special ones are available also. For example, Remote Height Measurement, Offset Measurement, Remote Distance Measurement, Stake out, Resection, Area Calculation, Volume Calculation, Road Design, etc., which are sufficient to meet the needs of professional surveying

SURVEY PROGRAMS

