

	NTS-352	NTS-355	NTS-357
Telescope			
Image	Erect		
Magnification	30X		
Effective aperture	45mm(EDM 50mm)		
Resolving power	4"		
Field of view	1°30'		
Minimum focus	1m		
Distance Measurement(under Fair Weather Condition)			
Range 1P	1.8km	1.6km	1.6km
3P	2.6km	2.3km	2.3km
Accuracy	2mm+2ppm×D		
Minimum Count	1mm		
Distance Unit	ft.Or m selectable		
Measuring time			
Fine	3 Sec.		
Tracking	1 Sec.		
Maximum display	999999.999m		
Atmospheric Correction			
Temperature	C or F		
Atmospheric pressure	hPa/mmH/inHg		
Atmospheric Deflection &			
Earth Curvature Correction	K=0.14/0.20/0		
Prism Constance	0mm/30mm		
Angle Measurement			
Measurement Method	Incremental Photoelectronic Encoder		
Detection Method			
Horizontal	Dual		
Vertical	Dual		
Accuracy(DIN18723)	2"	5"	10"
Minimum Readout	1"and 5"	1"and 5"	5"and 10"
Sensitivity of Vials			
Plate vial	30"/2mm		
Circular Vial	8'/2mm		
Vertical Compensation	Available		
Type	Liquid-electric detection/plate level		
Compensation Range	±3'		
Resolution	1"		
Optical Plummet			
Image	Erect		
Magnification	3x		
Focus range	0.5m - infinity		
Display	LCD,Four-lines Display		
Data port	RS-232		
Battery	NiH Rechargeable		
Voltage	6VDC		
Operation time	3 hrs..(small battery)/8hrs..(big battery)		
Charging time	10hrs..		
Operating temperature	-20? - +45?		
Tribrach	Detachable		
Tripod Thread	5/8"×11		

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