



Total Station

MTS 800 Series Total Station

Features:

- *Fast speed distance measure.
- *Extended internal memory (max. 50000 points)
- *High accuracy & long distance measuring range
- *Complete application programs
- *Convenient data management system
- *Long-time working battery.
- *Reflectorless model MTS802R MTS805R also available , none prism measuring distance: 250m

Specification:

Model No.:	MTS-802A	MTS-802	MTS-805
Telescope			
Image		Erect	
Magnification		30X	
Effective Aperture		45mm	
Resolving Power		4"	
Field Of View		1°30'	
Minimum Focus		1.5m	
Distance Measurement(under Fair Weather Condition)			
1P	2.0km	1.3km	1.3km
3P	3.0km	2.0km	2.0km
Accuracy	2mm+2ppmxD	3mm+2ppmxD	
Minimum Count		1mm	
Distance Unit		ft.Or m selectable	
Measuring Speed			
Fine		1.8sec.(first time2.5sec.)	
Tracking		0.4 Sec.	
Maximum display		999999.999m	
Atmospheric Correction		Manual input,auto correction	
Temperature		°C or F	
Atmospheric Pressure		Manual input,auto correction.	
Atmospheric Deflection & Earth Curvature Correction		On(k=0.14/0.20)/Off	
Prism Constant		0 mm / 30 mm	
Angle Measurement			
Measurement Method		Incremental Photoelectric Encoder	
Accuracy	2"	2"	5"
Minimum Reading		1"/5"/10"	
Sensitivity of Vials Plate Vial		30"/2mm	
Circular Vial		8'/2mm	
Vertical Tilt sensor		Available	
Type		Electronic	
Compensation Range		+/-3'	
Resolution		1"	
Optical Plummet			
Image		Erect	
Magnification		3X	
Focus Rang		0.5m-infinity	
Display		Double Side, LCD Display	
Data Port		RS-232	
Memory Points		50000 points	
Working Temperature		-20°~+50°	
Power supply		Rechargeable batteries	
Operating time		About 8 hours(angle measure+distance measure)	
Dimension		190x210x350mm	
Weight		6kg	

NO PRISM 250m



Standard outfit:main unit,2 rechargeable batteries and charger,dust cover,instruction manual,plastic case.

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