

SPECIFICATIONS

		STE-632 RM
Distance Measurement ①		
Range	Reflectorless	1000m ②
	Reflectorless prism	8000m
	Prism	5000m ③
	3 Prism	6000m
	Sheet	1000m
Accuracy	Reflectorless	2+2ppm ④
	Prism	1.5+2ppm
	Sheet	2+2ppm
Measurement Time		0.5s In Fine 0.2s In Tracking ⑤
Atmospheric Correction		Manual Input, Auto Correction
Prism Constant		Manual Input, Auto Correction
Temperature Correction		Sensor Reading
Distance Reading		Max:9999999.999m Min:1mm
Angle Measurement		
Accuracy		2"
Disk Diameter		79mm
Detection Method		V: Dual, H: Dual
Angle Reading		Min: 1"
Telescope		
Image		Erect
Tube Length		152mm
Effective Aperture		45mm (EDM 47mm)
Magnification		30x
Field of View		1°30"
Resolving Power		3"
Minimum Focus Distance		1m
Reticle Illumination		10 Brightness Levels
Operation System		
Memory		2Gb / 100,000 points (exp. up to 32Gb)
Compensator		
System		Liquid, Dual Axis
Working Range		±6°
Accuracy		1"
Plummet		
Laser Plummet (Default)	Accuracy	±1.5mm @1.5m
	Laser Brightness	5 Levels Adjustable
	Wavelength	635nm
	Laser Class	Class 2
Optical Plummet (Optional)	Image	Erect
	Magnification	3x
	Focusing Range	0.5m ~
	Field of View	5°
Keyboard And Display		
Keyboard (Double)		Alphanumeric 30 Keys
Display (Double)		3.0 Inches, Color Touch TFT
Resolution		240°480 dpi
Position		Face 1, Face 2
Interface		
Data Interface		RS232 /USB/ SD-Card/ Bluetooth
Battery		
Type		Lithium
Voltage		7.4V
Operating Time		Up to 15h (ang./dist), up to 18h (ang)
Vial		
Plate Vial		30°/2mm
Circular Vial		8°/2mm
General		
IP		IP66
Temperature Range		-20°C ~ +50°C
Side Trigger		Default
Guide Light		Optional
Weight		5.0kg

① EN60825-1: 2007, Class laser 2 ; Wave Length 650-690nm ② With Kodak gray card (reflective 90%). The reflectorless range and accuracy may vary depending on targets, measuring conditions. ③ Under good conditions: No haze, visibility about 40km. Overcast, no scintillation. ④ Range less than 1000m. When measure the target at 500-1000m the accuracy is 1+2ppm, interval less than 5s ⑤ Typical Interval, under good conditions, Range less than 500m. It also depending on the target surface. Maximum interval less than 10s. Compatible with other brands (Trimble, Topcon, Nikon, Leica, Geomax, Sokkia, South, Hi-Target, Ruide and Kollida).

ACCESSORIES



TK23T

TK25T

Single Prism System

Dia.: 25.4mm
Offset: -17.5/-7.5mm

Mini Pole: 30cm X 4, φ 10mm

Mini Prism System ADSmini12A



Standard package contents

- Mainframe
- Battery Charger & Adapter
- Communication Cable
- SD Card
- Carrying Case
- QC Pass Certificate
- Rechargeable Battery 25 x 2
- Adapter
- 203
- Dryer
- Plummet
- Warranty Card
- Rain Cover
- Belt for Case

Optional Accessories

- Solar Filter 20
- Diagonal Eyepiece DE-20

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dealer info

SANDING



STE-632 RM

Reflectorless Total Station



- Absolute Encoding Angle Measurement System
- Density Ball Bearing Axis, eliminating Axis Jam
- Colorful touch screen, much more clear and visible
- Up to 1,000 meters non-prism measurement range



Your Best Work mate Advanced Design With Superior Technology



Advanced Hardware, Top Performance

STE-632RM set a new standard for high class total station. Its 1000 meter range EDM, density ball bearing axis system, high accuracy angle measurement module represent the highest level of manufacturing skill of China.



Fully Functional Survey Programs

Angle, Distance, Coordinate Measurement and setup. Distance, Plane, Column offset, Missing Line, Remote Elevation, Reference Line, Resection, Point-to-Line measurement, Height Transfer.



COGO (coordinated geometry)

Coordinate calculation, Angle Distance Calculation, Area & Perimeter, Point-to-line inverse calculation, Point Projection.

How will my work benefit from this new model?



Fast input via touch screen plus keyboard, less key button press, time saved



Trigger key, measure when you see



Smartly edit code library



Temperature-pressure auto read and set



Screen energy saving program, enlarge working time 10%



USB flash disk convenient for data transfer

PROGRAMS

