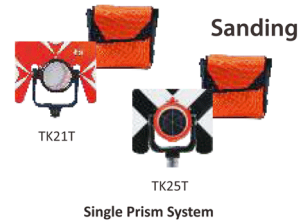


SPECIFICATIONS

		CTS 632 RM
Distance Measurement ①		
Range	Reflectorless	1000m ②
	Prism	5000m ③
Accuracy	Reflectorless	3+2ppm ④
	Prism	2+2ppm
	Sheet	3+2ppm
Measurement Time		1.3s 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:99999999.999m Min:1mm
Angle Measurement		
Accuracy		2"
Method		Absolute, Continuous
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		1.5m
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)	Laser Power	0.5mW
	Image	Erect
	Magnification	3x
	Focusing Range	0.5m ~ 5"
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		USB Flash Disk, Bluetooth
Battery		
Type		Lithium
Voltage		7.4V
Operating Time		Up to 14h (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
Dimension		206*200*353mm
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 100m. When measure the target at 100-200m, the accuracy is 5+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.

ACCESSORIES



Mini Prism System ADSmini112A



Standard package components

- Mainframe
- Rechargeable Battery KB-25 x2
- Battery Charger & Adapter
- Communication Cable KE-203
- SD Card
- Tools Kit
- Dryer
- Plummet
- Carrying Case
- Operation Manual
- Warranty Card
- QC Pass Certificate
- Rain Cover
- Belt for Case

Optional Accessories

- Solar Filter KF-20
- Diagonal Eyepiece KDE-20

Sanding Optics-Electrics Instrument

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+86-20-23380808
export@sandinginstrument.com

dealer info

SANDING

CTS-632 Series

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



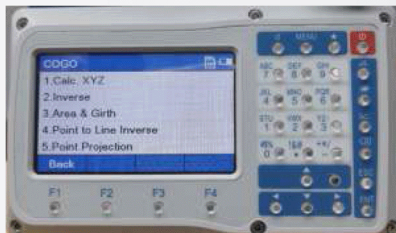
Advanced Hardware, Top Performance

CTS-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

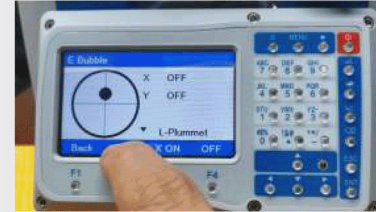
Angle, Distance, Coordinate Measurement and setout. Distance, Plane, Column offset, Missing Line, Remote Elevation, Reference Line, Resection, Point-to-Line measurement, Height Transfer.



COGO (coordinated geometry)

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

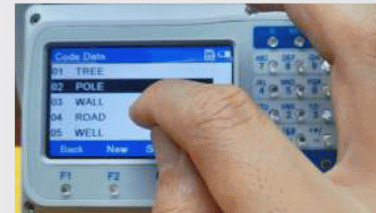
How will my work benefit from this new model?



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



MLM



REM



Resection



RoadDesign



Distance Offset



Transect SO



P/LSO



Area Cal.



Plane Offset



Vertical Section