

SPECIFICATIONS

Distance Measurement		
Range	Reflectorless	1000m
	Prism	5000m
Accuracy	Reflectorless	3mm+2ppm
	Prism	2mm+2ppm
	Sheet	3mm+2ppm
Measurement Time	1.3s In Fine 0.2s In Tracking	
Atmospheric Correction	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	24000 Points	
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
Laser Power	0.5mW	
Keyboard And Display		
Keyboard	Alphanumeric 30 Keys	
Display	3.0 Inches, Color Touch TFT	
Resolution	240*400 dpi	
Position	Face 1, Face 2	
Interface		
Data Interface	USB Flash Disk, Bluetooth	
Battery		
Type	Lithium	
Voltage	7.4V	
Operating Time	8 hours	
Vial		
Plate Vial	30"/2mm	
Circular Vial	8'/2mm	
General		
IP Rate	IP66	
Temperature Range	-20°C ~ +50°C	
Dimension	206*200*353mm	
Weight	6.0kg	

PACKAGE COMPONENTS



Standard package components

- Total Station CTS-632R10m
- Rechargeable Battery LI-30 x2
- Battery Charger & Adapter
- Tools Kit
- Dryer
- Carrying Case
- Belt for Case
- User Manual (E-Copy)

Optional Accessories

- Solar Filter
- Diagonal Eyepiece DFT-2RT

OPTIONAL ACCESSORIES



Dia.: 25.4mm Mini Pole: 30cm × 4, φ 10mm
Offset: -17.5/-7.5mm

Mini Prism System TPSmini112A

dealer info

KOLIDA
Professional's Choice

CTS-632R10m Reflectorless Total Station

- Absolute Encoding, 2" Accuracy
- Up to 1,000m Non-prism range
- Colorful touch screen
- USB memory stick and Bluetooth

KOLIDA
Professional's Choice

GUANGDONG KOLIDA INSTRUMENT CO., LTD.

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YouTube CTS-632

Your Best Work mate Advanced Design With Superior Technology



Advanced Hardware, Top Performance

CTS-632R10M 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

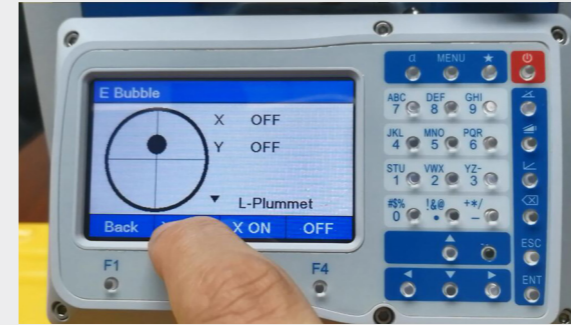
Angle, Distance, Coordinate Measurement and setout. Distance, Plane, Column offset, Missing Line, Remote Elevation, Reference Line, Resection, Point-to-Line measurement, Height Transfer.



COGO (coordinated geometry)

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

6 Useful Features that Improve Your Productivity!



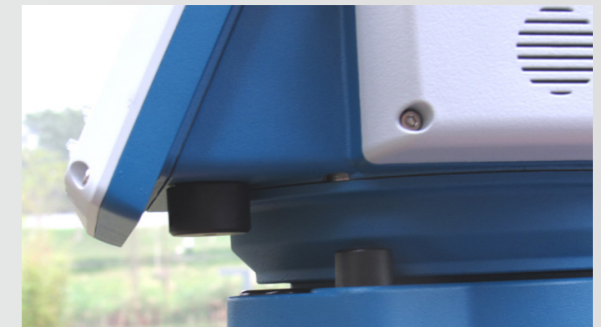
Fast input via touch screen plus keyboard, less key button press, time saved



Trigger key, measure when you see



Smartly edit code library



Temperature-pressure auto read and set

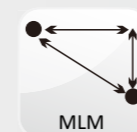


Screen energy saving program, enlarge working time 10%

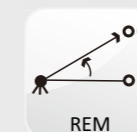


USB flash disk convenient for data transfer

PROGRAMS



MLM



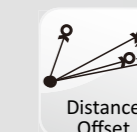
REM



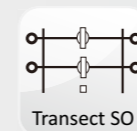
Resection



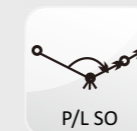
Road Design



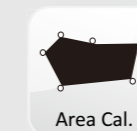
Distance Offset



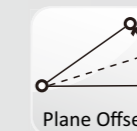
Transect SO



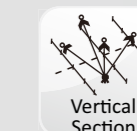
P/L SO



Area Cal.



Plane Offset



Vertical Section