

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		16000 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		IP55
Temperature Range		-20°C ~ +50°C
Dimension		206*200*353mm
Weight		6.0kg

ACCESSORIES



TK21T

TK25T

Single Prism System



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

Mini Pole: 30cm×4, φ 10mm

Mini Prism System ADSmini112A



Standard package components

- Total Station CTS-632R10m
- Rechargeable Battery LI-30 x2
- Battery Charger & Adapter
- Communication Cable KE-203
- Tools Kit • Dryer • Plummet
- Carrying Case • Operation Manual • Warranty Card
- QC Pass Certificate • Rain Cover • Belt for Case

Optional Accessories

- Solar Filter • Diagonal Eyepiece DFT-2RT

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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Tel: +86-20-22139033 Fax: +86-20-22139032
Email: export@kolidainstrument.com market@kolidainstrument.com http://www.kolidainstrument.com

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.

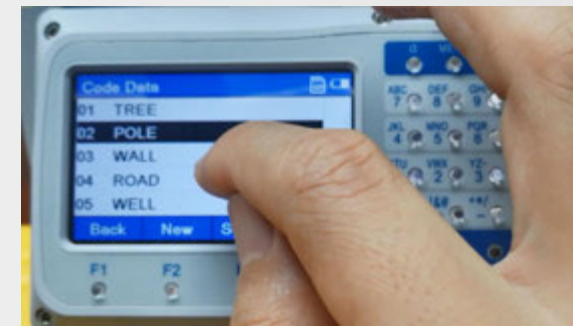
6 Useful Features that Improve Your Productivity!



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

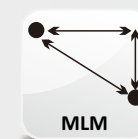


Screen energy saving program, enlarge working time 10%

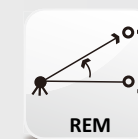


USB flash disk convenient for data transfer

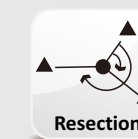
PROGRAMS



MLM



REM



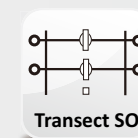
Resection



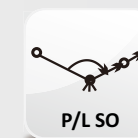
RoadDesign



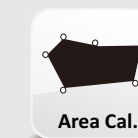
Distance Offset



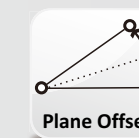
Transect SO



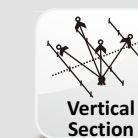
P/L SO



Area Cal.



Plane Offset



Vertical Section