

SPECIFICATION

		KTS-472RC	KTS-475RC
Distance Measurement			
Max distance (Good weather)	Single prism	5.0Km	5.0Km
	3 prism	8km-10km	8km-10km
	Non prism	350m	350m
	Mini Prism	800m	
Display	Max: 99999999.9999 Min:0.1mm		
Precision	With prism: 2mm+2ppm Without prism: 5mm+3ppm		
Measure time	fine measurement 1.0s, Tracking 0.5s		
Atmospheric correction	Auto correction		
Reflection prism correction	Auto correction		
Angle Measurement			
Measuring method	Absolute encoding		
Absolute Encoding disk diameter	79mm		
Min display unit	1"/5" Selectable		
Accuracy	2"	5"	
Detection method	Horizontal: Dual	Vertical: Dual	
Telescope			
Image	Erect		
Tube length	154mm		
Effective aperture	45mm. (EDM: 50mm)		
Magnification	30X		
Field of view	1°30'		
Resolving power	3"		
Minimum focusing distance	1m		
Auto Compensator			
System	Dual axis Liquid-electric		
Work range	±3'		
Accuracy	1"		
Vial			
Plate vial	30"/2mm		
Circular vial	8'/2mm		
Optical Plummet			
Image	Erect		
Magnification	3X		
Focusing range	0.5m~∞		
Field of view	5°		
Laser Plummet	Optional (On KTS472RLC/KTS475RLC)		
Display			
Type	3.2 inches LCD, Touch screen Windows CE NET 4.2 operation system		
Keyboard	23 keys(11 function keys, 12 alphanumeric keys), illumination		
On-board Battery			
Power supply	Rechargeable Ni-H battery		
Voltage	DC 7.2V		
Continuous operation time	8 hours by KB25 12hours by KB25C		
Recharging Time	3 hours (KB25), 4 hours (KB25C)		
Data Storage			
Internal memory	64M byte		
SD card	2G byte (Maximum 4G byte)		
Communication port	RS-232 port (6pin), Mini USB, SD card slot		
Size & weight			
Dimension	200mm×190mm×350mm		
Weight	6.0kg		
Environmental Specification			
Dust/Water (IEC60529)	IP55		
Working Temperature Range	-20℃~50℃		
Humidity	95%, non-condensing		

STANDARD CONFIGURATION



1. Mainframe 1x
2. Rechargeable Battery 2x
3. Battery Charger 1x
4. Communication Cable 1x
5. Mini USB Cable 1x
6. SD Card 1x
7. Tools Kit 1x
8. Dryer 1x
9. Plummet 1x
10. Carrying Case 1x
11. Operation Manual 1x
12. Software CD 1x
13. Warranty Card 1x
14. QC Pass Certificate 1x
15. Rain Cover 1x
16. Belt for Case 2x

USB Communication Cables



KE-290

Battery and Charger



KB-25/KB-25C KC-20

EU/US/JP/UK/UL Type chargers available

COMPATIBLE ACCESSORIES



Solar Filter
KF-20

Diagonal Eyepiece
KDE20



Best choice, Brightest price

KOLIDA

Smaller Size
Increased Performance



KTS-470RC SERIES

WinCE TOTAL STATION

KOLIDA
KOLIDA INSTRUMENT

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WinCE TOTAL STATION KTS-470RC SERIES

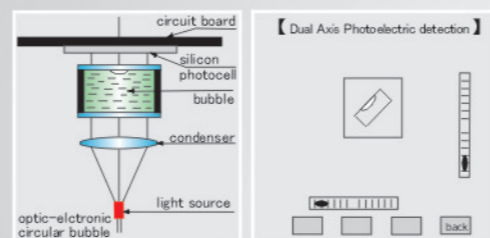
Windows CE Operating System

You can use computer, then you can use our KTS-470RC total station. Regardless of your profession, no experience needed. From simple tasks to professional all-day use, enjoy the benefits of simplicity and functionality with KTS-470RC.



Dual-axis Compensation

With advanced electronic compensators, KTS-470RC can level and correct collimation errors quickly. Dual-axis compensation on KTS-470RC can assure you the maximum reliability with both horizontal and vertical angles.



Complete Flexibility in Communications

Provide you full flexibility in data handling by SD card, mini USB, RS232 port. You can choose your favorite communication method, to restore and transfer data quickly, securely.



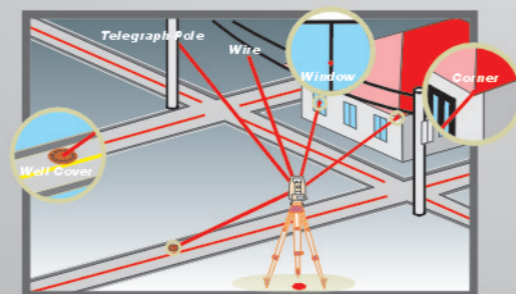
Upload/download data with USB port

Data storage via SD card

RS232 serial port

Non-prism Distance Measurement

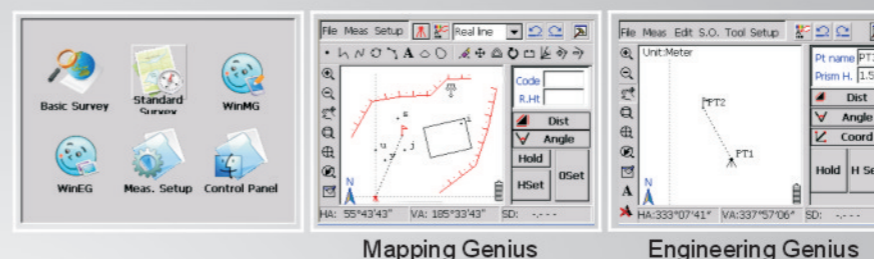
Non-prism Range 350m, Prism 5km-10km. Better stability, shorter time. KOLIDA 470RC maximize your working efficiency.



THE ADVANTAGE OF KOLIDA TOTAL STATION

LCD Touch-screen, Graphic Display

Larger, highly visible, smart LCD touch screen allows you to view and edit data with ease. Just work the way you want, show the data in graphic display.



Mapping Genius

Engineering Genius



Multiple Assistant Software

Mapping Genius

Mapping Genius is an integrated software for field data collection and mapping. With the advantages of Laptop, data collector, PDA, it realizes the integration of indoor and outdoor works.

Engineering Genius

Engineering Genius is especially designed for construction measurement works. It brings user data collection/ calculation and mapping programs which can be applied in various works.

KTS-470RC SERIES

WinCE TOTAL STATION

