

Best choice, Brightest price

KOLIDA



KTS-440RC SERIES

Reflectorless Total station with SD Card Storage

SPECIFICATION

	KTS-442RC	KTS-445RC
Measuring Range		
1P	5.0km	5.0km
No prism	300m	300m
Digital Display	Maximum: 99999999.999 Minimum: 0.1mm	
Accuracy	With prism: 2mm+2ppm Without Prism:5mm+3ppm	
Measuring Time	Fine 1.0s Tracking0.5s	
Atmospheric Correction	Automatic Correction by Inputting Parameter	
Prism Constant	Automatic Correction by Inputting Parameter	
Angle Measurement		
Measurement Method	Absolute Encoding	
Diameter of The Raster Disk	79mm	
Minimum Reading	1" / 5" Optional	
Accuracy	2"	5"
Detection Method	Horizontal: Dual	Vertical: Dual
Telescope		
Image	Erect	
Length	154mm	
Effective Aperture	45mm, (DTM: 50mm)	
Magnification	30 X	
Field of View	1° 30'	
Resolving Power	3"	
Minimum Focus	1m	
Compensation		
System	Dual axis liquid-electric	
Working Range	± 3'	
Resolving Power	1"	
Sensitivity of Vials		
Plate Vial	30" / 2mm	
Circular Vial	8' / 2mm	
Optical Plummet		
Image	Erect	
Magnification	3×	
Focusing Range	0.5m ~ ∞	
Field of View	5°	
Laser Plummet		
	Optional	
Data Storage & Communication		
Internal Memory	2M/24000 points	
External Memory	SD card (up to 2G)	
Communication Port	RS 232, mini USB	
Display		
Type	Dual sides	
Battery		
Power Supply	Rechargeable Ni-H battery	
Voltage	6 V DC	
Operation Time	10 hours	
Dimension & Weight		
Dimension	160mm×150mm×330mm	
Weight	5.8 kg	