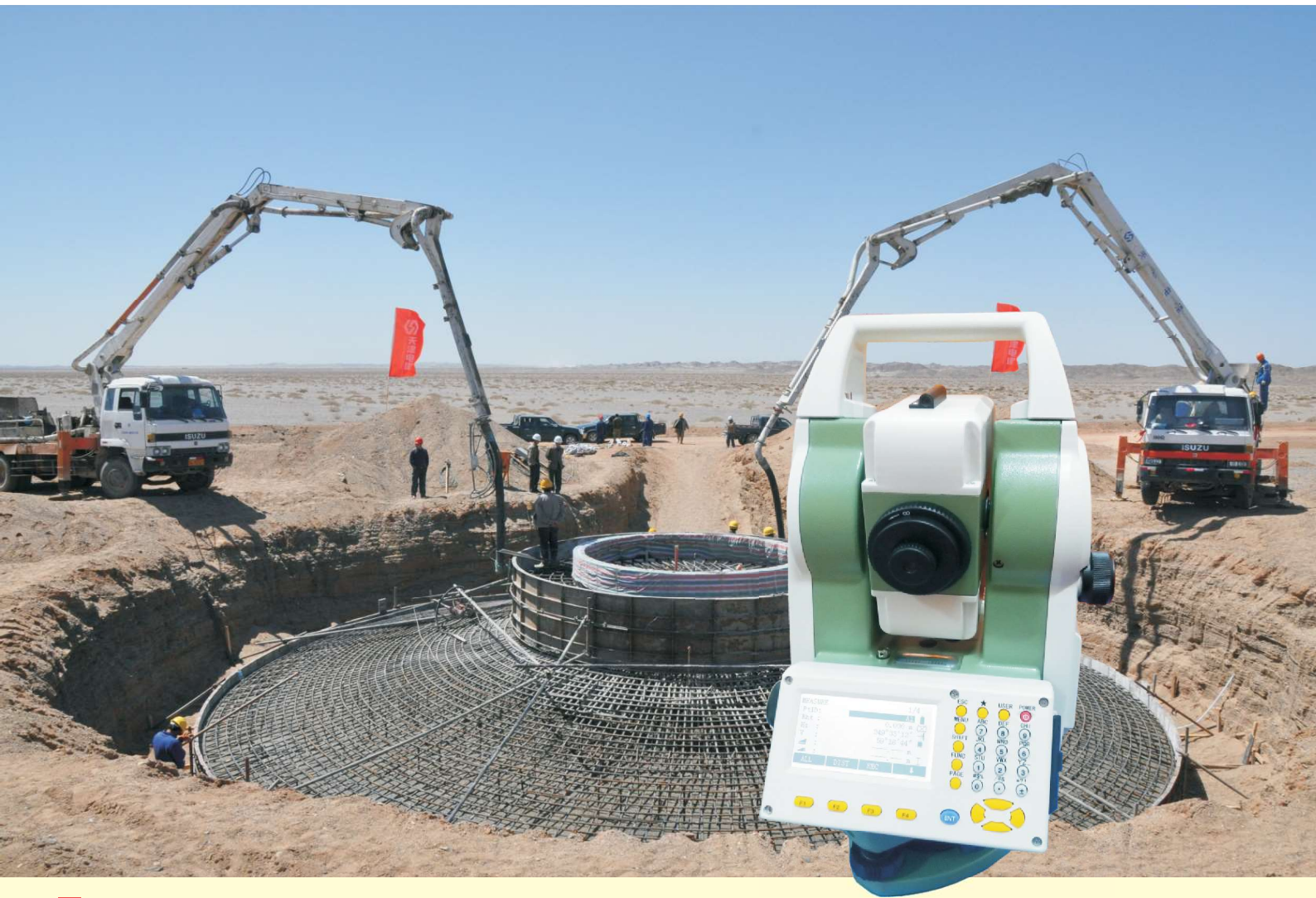


RTS330 Series Total Station



- Trigger key
- Endless drives, collimate target faster with two hands operation
- Reflectorless measuring distance reaches to 600m(R600) or 1000m(R1000)
- Multiple data interfaces, mini-USB, RS-232C or SD card data transfer are available
- Bluetooth cable-free connection offers solution of semi-automatic data collection(optional)
- Onboard software and application programs simplify and speed up work in the field
- Guide light system for fast stake out measurement(optional)



RTS330 Series Total Station

Technical data

	RTS332	RTS335		RTS332	RTS335
Telescope			Accuracy	±1mm/1.5m	
Image	Erect		Laser class	Class 2/IEC60825-1	
Objective aperture	φ45mm		Laser brightness	Adjustable	
Magnification	30×		Laser wave length	635nm	
Field of view	1° 30'		H&V drive	Endless drives	
Shortest focus distance	1.0m		Display	Large LCD (240×128dots)	
Angle measurement			Power		
Reading system	Absolute encoder		Battery	3400mAh Li-ion Rechargeable	
Angle unit	360° /400gon/6400mil, selectable		Output voltage	7.4V DC	
Display resolution	1" /5" /10" (or 0.2/1/2mgon)		Continuous operation time (single distance measurement every 30 seconds)	Approx. 19 hours	
Accuracy*1	2"	5"	Charger	FDJ6-Li(100V/240V)	
Distance measurement			Charging time(at +20℃)	Approx. 4 hours	
Laser class(IEC60825-1)			Application programs	Surveying/Stake Out/Free Station/COGO/Tie Distance Area & Volume/Remote Height/Reference Line-Arc/ Construction/Lead Measure/2D-Road	
Reflectorless	Class 3A(3R)		Others		
Reflective sheet/RP60	Class 3A(3R)		CPU	32Bit	
Prism	Class 1		Memory	4GB internal memory, SD card extendable(max.16G)	
Measurement range			Sensors	Built-in temperature and pressure sensors	
Reflectorless*2			Keyboard	Alphanumerical key board, both sides	
R600	2.0 to 600m		Guide light system	Factory optional	
R1000	2.0 to 1000m		Weight(including batteries)	6.0kg	
Single prism*3	2.0 to 3000m		Interface	USB/RS-232C/Bluetooth(Optional)	
Accuracy			Water and dust protection	IP55(IEC60529)	
Prism	2mm+2ppm		Reticle illumination	Yes(on/off)	
Reflective sheet/RP60	3mm+2ppm		Temperature input range	-40.0℃ to +60.0℃	
Reflectorless			Pressure input range	289.8hPa to 1301.4hPa	
R600	2.0-150m:3mm+2ppm;150-300m:5mm+3ppm		Prism constant range	-999.9mm to +999.9mm	
	300-500m:10mm+5ppm		Data collector	F58, fully rugged PDA(Optional)	
R1000	2.0-150m:3mm+2ppm;150-300m:5mm+3ppm				
	300-500m:10mm+5ppm;500-800m:20mm+10ppm				
Measuring time(prism)					
Fine	1.0s(initial 2.0s)				
Fast	0.6s(initial 1.5s)				
Tracking	0.4s(initial 1.2s)				
Level vial sensitivity					
Plate level vial	30" /2mm				
Circular level vial	8' /2mm				
Compensator	Dual-axis compensator				
Working range	±3'				
Setting accuracy	1"				
Laser plummet(Standard)*4					

Related products



RTS010/RTM010



OTS680



RTS100



DT400/LP400

*1 Standard deviation based on ISO17123-3
CAT NO.E1527795, 90% reflectivity, A4 size

*2 condition: 20km visibility, backlight illuminance less than 5000lx, no fog and direct sunlight. Reflectorless target: KODAK

*3 condition: 40km visibility, clear, no heat shimmer *4 Laser plummet mounted on the bottom of the vertical axis

Illustrations, descriptions and technical specifications are not binding and may change

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