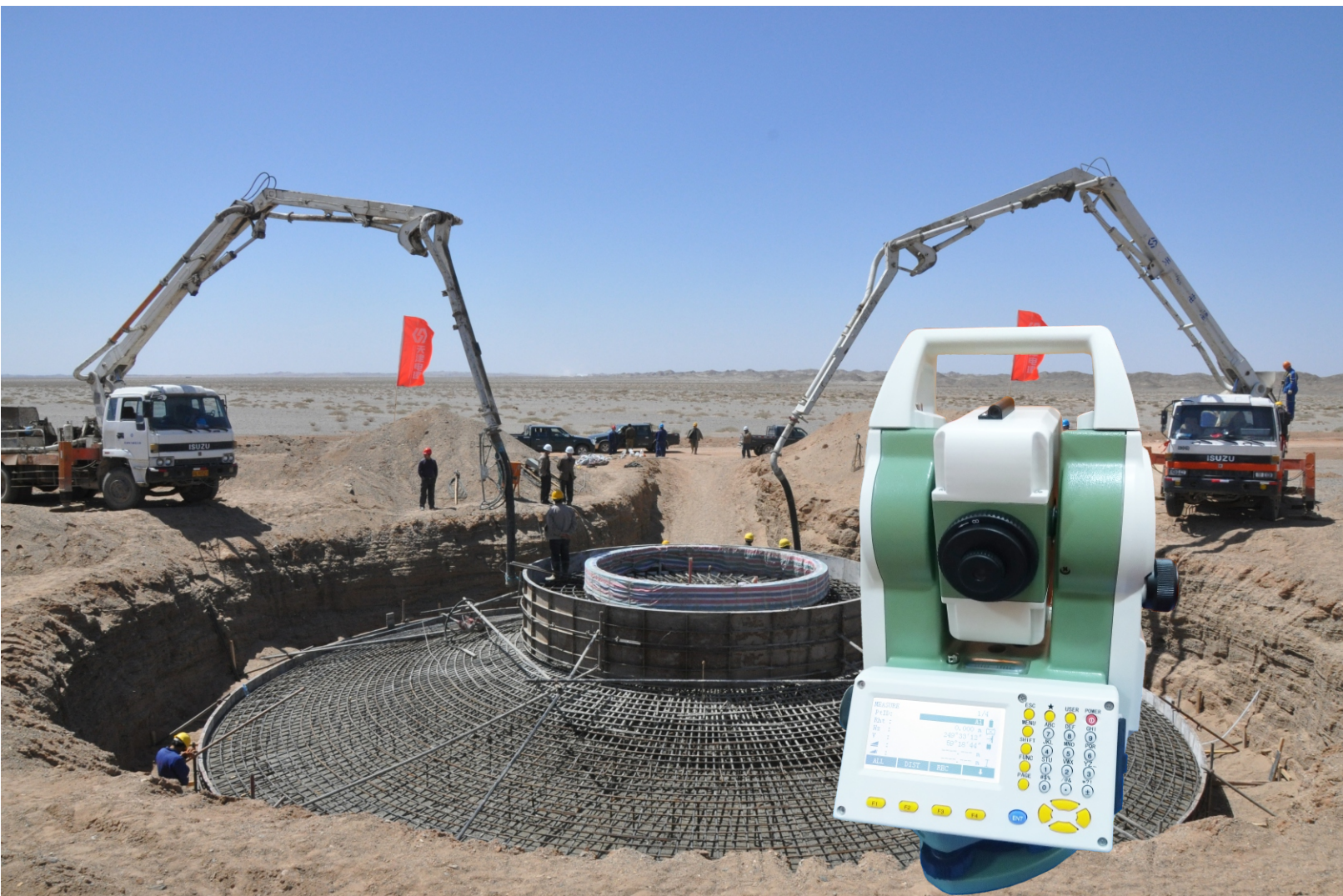


RTS330 Series Total Station



- Easy one-touch operation, simply push the trigger key
- Endless drives, collimate the 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				Laser plummet(Standard)*4			
Image		Erect		Accuracy		±1mm/1.5m	
Objective aperture		φ45mm		Laser class		Class 2/IEC60825-1	
Magnification		30×		Laser brightness		Adjustable	
Field of view		1°30′		Laser wave length		635nm	
Shortest focus distance		1.0m		H&V drive		Endless drives	
Angle measurement				Display		Large LCD (240×128dots)	
Reading system		Absolute encoder		Power			
Angle unit		360°/400gon/6400mil, selectable		Battery		3400mAh Li-ion Rechargeable	
Display resolution		1"/5"/10"(or 0.3/1.5/3mgon)		Output voltage		7.4V DC	
Accuracy *1		2"	5"	Continuous operation time (single distance measurement every 30 seconds)		Approx. 25hours	
Distance measurement				Charger		FDJ6-Li(100V/240V)	
Laser class(IEC60825-1)				Charging time(at +20°C)		Approx. 4 hours	
Reflectorless		Class 3A(3R)		Application programs			
Reflective sheet/RP60		Class 3A(3R)		Surveying/Stake Out/Free Station/COGO/Tie Distance			
Prism		Class 1		Area & Volume/Remote Height/Reference Line-Arc/			
Measurement range				Construction/Lead Measure/2D-Road			
Reflectorless*2				Others			
R600		2.0 to 600m		CPU		32Bit	
R1000		2.0 to 1000m		Memory		4GB internal memory, SD card extendable(max.16G)	
Single prism(standard mode/long mode)*3		2.0 to 3000m/2.0 to 5000m		Sensors		Built-in temperature and pressure sensors	
Accuracy				Keyboard		Alphanumerical key board, both sides	
Prism in standard mode		2mm+2ppm		Guide light system		Factory optional	
Reflective sheet/RP60		3mm+2ppm		Weight(including batteries)		6.5kg	
Reflectorless				Interface		USB/RS-232C/Bluetooth(Optional)	
R600		2.0-150m:3mm+2ppm;150-300m:5mm+3ppm		Water and dust protection		IP55(IEC60529)	
		300-500m:10mm+5ppm		Reticle illumination		Yes(on/off)	
R1000		2.0-150m:3mm+2ppm;150-300m:5mm+3ppm		Working temperature		-20°C~+50°C	
		300-500m:10mm+5ppm;500-800m:20mm+10ppm		■ Related products     RTS010 OTS680 RTS100 DT400/LP400			
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							
Compensation method		Dual-axis					
Working range		±3′					

*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

FOIF
Since 1958
It's professional

Suzhou FOIF Co.,Ltd.

TEL:+86 512 65224904
FAX:+86 512 65230619
Http://www.foif.com
E-mail:internationalsales@foif.com.cn
ADD: 18 Tong Yuan Road, Suzhou 215006, P.R. China



Local Dealer: