



ETS802R

Total Station

ETS802R is a high-precision total station, providing customers with accurate angle and distance measurement. Built-in with common used measurement formulas. The fast, accurate and stable measurement definitely brings you with new experience.

- 2" Angle Measurement
- 30x Telescope Magnification
- Up to 800m Without Prism
- Supports Multiple Languages
- Compensator Range $\pm 3'$
- Fast and Reliable Measurement

Product Specification

Angle Measurement		Level Vial Sensitivity	
Reading System	Absolute encoder	Plate Level	30" / 2 mm
Display Resolution	1" / 5" / 10"	Circular Level	8' / 2 mm
Minimum Reading	1"		
Accuracy	2"		
Telescope		Lase Plummet	
Magnification	30x	Laser Spot	1.5 mm/1.5 m
Field Angle	1°30'		
Minimum Focus	1.5 m	Data Management	
Object Aperture	45 mm	Memory	50,000 Points
Image	Erect	USB Drive	Support
		Bluetooth	Support
Compensator		Battery	
Compensator Range	±3'	Voltage	DC 7.2 V-7.4 V
		Capacity	2500mAh
Distance Measuring Range		Working Time	6 hours angle and distance 20 hours angle
Single Prism Range	7500 m		
Reflector Range	1000 m	Physical Specification	
Non-Prism Range	800 m	Dimension	190 x 210 x 350 mm
		Weight	5.5 Kg
Distance Measuring Accuracy		Screen	Dual 160 × 80 pixel
Minimum Reading	1 mm	Interface	RS-232C
Prism Accuracy	± (2 mm + 2 ppm • D)	Water/Dust Proof	IP54
Reflector Accuracy	± (2 mm + 2 ppm • D)	Working Temperature	-20 °C - +55 °C
Non-Prism Accuracy	± (5 mm + 3 ppm • D)	Storage Temperature	-40 °C - +60 °C
Measurement Time		Language	English, Spanish, Portuguese, French, German, Turkish, Italian, Russian, Ukrainian
Tracking/Rapid/Fine	0.4 s / 0.9 s / 1.8 s		

