



# ETS800

## Total Station

ETS800 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 language
- Support Bluetooth
- Compensator range  $\pm 3'$
- Fast and reliable measurement

# Product Specification

<b>Angle Measurement</b>		<b>Measurement Time</b>	
Reading System	Absolute encoder	Tracking/Fine/Fast	0.4 s / 0.9 s / 1.8 s
Display Resolution	1" / 5" / 10"	<b>Level Vial Sensitivity</b>	
Minimum Reading	1"	Plate Level	30" / 2 mm
Accuracy	2"	Circular Level	8' / 2 mm
<b>Telescope</b>		<b>Laser Plummet</b>	
Magnification	30x	Laser Spot	1.5 mm/1.5 m
Field Angle	1° 30'	<b>Data Management</b>	
Minimum Focus	1.5 m	Memory	50,000 Points
Object Aperture	45 mm	Interface	RS-232C
Image	Erect	SD Card	Optional
<b>Compensator</b>		USB Drive	Optional
Compensator Range	±3'	Bluetooth	Optional
<b>Distance Measuring Range</b>		<b>Battery</b>	
Single Prism Range	7500 m	Voltage	DC 7.2 V-7.4 V
Reflector Range	1000 m	Capacity	2500mAh
Non-Prism Range	800 m	Working Time	6 hours angle and distance
<b>Distance Measuring Accuracy</b>			20 hours angle
Minimum Reading	1 mm	<b>Physical Specification</b>	
Prism Accuracy	± (2 mm + 2 ppm • D)	Dimension	190 x 210 x 350 mm
Reflector Accuracy	± (2 mm + 2 ppm • D)	Weight	6.5 Kg
Non-Prism Accuracy	± (5 mm + 3 ppm • D)	Screen	Dual 160 × 80 pixel
		Working Temperature	-20 C - +55 C
		Storage Temperature	-40 C - +60 C

\* All above technical parameters are just for reference. E-survey reserves the right for final explanation.

