



ET2A

Theodolite

ET2A is a high precision electronic theodolite. This device has 2" angle measurement accuracy and 30x magnification effect to meet various working requirements.

- 30x Telescope Magnification
- 2" Angle measurement accuracy
- Compensator up to 3'
- Two sides LCD display

Product Specification

Angle Measurement		Circular Vial	8' /2mm
Measuring Method	Absolute encoder	Display	
Diameter	79mm	Type	Two sides LCD
Min. Reading	1", 5", 10"	Onboard battery	
Measuring Unit	360°, 400gon	Power Resource	Rechargeable Li-on battery
Vertical Angle 0°	Zenith 0°, Horizontal 0°	Voltage	DC 7.4 V
Accuracy	2"	Operation Time	BDC 1600 mAh (About 20 hours)
Telescope		Laser	
Image	Erect	Length of the Wave	635 nm
Magnification	30x	Power	10 mW
Effective Aperture	47mm	Effective Range	250 m
Resolving power	3.75"	Position Error	≤ 5"
Field of View	1°30" (26mm/1000m)	Voltage	DC 3.3 V
Min. Focus	1.5 m	Working Temperature	- 10° ~ + 45°
Stadia Ratio	100	Others	
Tube Length	169mm	Storage Temperature	- 10° ~ + 45°
Compensator		Dimension	180 x 166 x 355 m
Electronic Tilt Sensor	Vertical compensation	Weight	5 Kg
Compensator Range	±3'		
Resolving Power	6"		
Vial			
Plate Vial	30" /2mm		

