

TEL100 Electronic Laser Theodolite



Features

- Two sides of large LCD display screens
- Convenient keypad operation
- Rechargeable battery with large capacity
- Optical centering and laser centering
- Independent tilt sensor
- Superior waterproof and dustproof

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The Art Of Measurements

www.WorldTesters.com

sales@eztech-usa.com

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Technical Specification

ANGLE MEASUREMENT(Hz, V)	
Method	Incremental Grating Disk
Accuracy	2" / 5" selectable
Min. Reading	1" , 5" , 10"
Compensation	Vertical angle compensation
Compensating Range	± 3'
Level Parameter	
Circular Level	8/2mm
Plate Level	30" /2mm
TELESCOPE	
Magnification	30 ×
Image	Erect
Field of View	1° 30' (2.6%)
Min. Focus	1.3m
Optical Aperture	45mm
Resolving power	2.5"
Length	155mm
Stadia proportion constant	100
DISPLAY	
Screen Type	LCD, four lines, dot matrix
Display Unit	double sides
LASER	
Laser wavelength	635nm
Laser power	10mW
Laser level	II
Effective range	200m
Light spot size	5mm/100m
Laser power	DC3.3V
PHYSICAL SPECIFICATIONS	
Power working time :	
Rechargeable battery	10h
Operating Temperature Range:	-20°C ~ +45°C
Dimension	144 × 175 × 324mm
Weight	4.8kg
OPTICAL PLUMMET	
Image	Erect
Magnification	3 ×
Field of View	5°
Focusing range	0.3m ~ ∞
OTHERS	
Waterproof/dustproof protection	IP66



Standard Delivery

● Main unit	1
● Data cable	1
● Rechargeable battery	2
● Battery charger	1
● Software	1
● Hard shell carrying case	1
● Tool kit	1
● Dryer	1
● Lint-free cloth	1
● Brush	1
● Instruction manual	1
● TIME certificate	1
● Warranty card	1

Optional accessories

