

SOUTH
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ET Series THEODOLITE



Features

- 2" Accuracy
- Advanced EDM design
- Laser plummet and laser pointer function for ET-02L
- Movable tribrach for ET-02F
- Competitive performance

Display Unit

Digit LCD Screen with simple keys, design for easier operation.



L/R

Press the key, horizontal angle option.

HOLD

Press the key twice, hold the horizontal angle.

0SET

Press the key twice, horizontal angle 0 setting.

FUNC

Select the second function

V/%

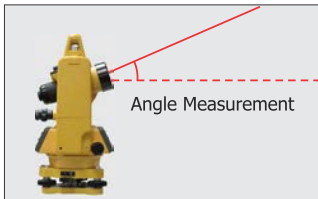
Vertical angle /slope angle percentage

⊕

Power switch

Laser Pointer (for ET-02L)

Powerful laser pointer and laser plummet, simplified the measurement.



Packing List

Mainframe	1x
Rechargeable Battery	1x
Battery Charger	1x
Operation Manual	1x
Carrying Case	1x
Belt for Case	2x
Plummet	1x
Tools Kit	1x
QC Pass	1x
Warranty Card	1x
Rain Cover	1x



Specification

ET-02/ET-02L	
TELESCOPE	
Image	Erect
Magnification	30X
Effective aperture	45mm
Resolving power	3"
Field of view	1 30'
Minimum focusing distance	1.4m
Stadia ratio	100
Stadia constant	0
Tube length	157mm
ANGLE MEASUREMENT	
Reading system	Absolute Encoding
Diameter of circle(VHz)	79mm
Minimum reading	1"/ 5" (Selectable)
Accuracy	2 "
Horizontal angle	Dual
Vertical angle	Dual
DISPLAY	
(LCD)Display type	2 sides
LASER POINTER	
Laser range (ET-02L)	be seen up to 100 meters away
MEMORY	
Internal memory	Space for 256 pairs of H. & V. angle
LEVEL SENSITIVITY	
Plate level	30"/2mm(30" per 2mm)
Circular level	10'/2mm (10' per 2mm)
AUTO VERTICAL COMPENSATOR	
System	Liquid-electric detection
Working range	± 3'
Accuracy	1"
OPTICAL PLUMMET TELESCOPE	
Image	Erect
Magnification	3X
Focusing range	0.5m ~ ∞
Field of view	5°
PHYSICAL CHARACTERISTICS	
Operating temperature	-20°C ~ +45°C
Internal power supply	Rechargeable Ni-H battery/ AA battery
Voltage	6 VDC
Operating time	10 hours
Dimension	L145mm x H318mm x W179mm
Weight	5.2 kg

* COLOR AND DESIGN MAY VARY.

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