

SOUTH
Target your success

ET Series THEODOLITE



Features

- 2"/5" Accuracy in option
- Advanced EDM design
- Laser plummet and laser pointer function for ET-02L/05L
- Movable tribrach for ET-02F/05F
- Competitive performance



Specification

Display Unit

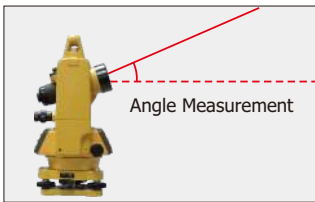
Digit LCD Screen with simple keys, design for easier operation.



- L/R**: Press the key, horizontal angle option.
- HOLD**: Press the key twice, hold the horizontal angle.
- OSET**: 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/05L)

Powerful laser pointer and laser plummet, simplified the measurement.



Angle Measurement



Laser in H. Direction



Laser in V. Direction

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



	ET-02/ET-02L	ET-05/ET-05L
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 "	5 "
Horizontal angle	Dual	Dual
Vertical angle	Dual	Dual
DISPLAY		
(LCD)Display type	2 sides	
LASER POINTER		
Laser range	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	

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