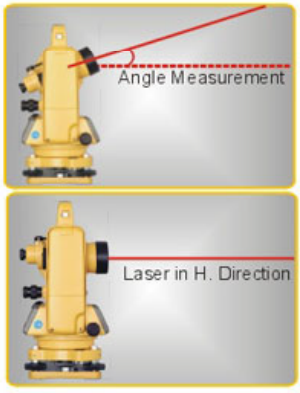
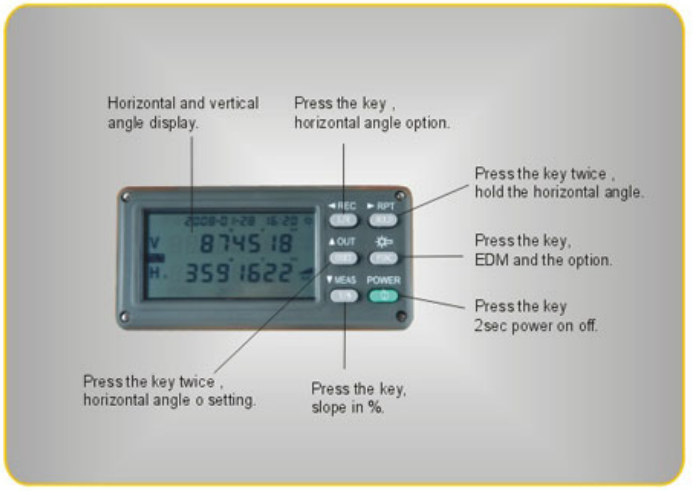
ET/ETL Laser Theodolite

Absolute Encoding
Laser beam valid for 120m(ETL series only)
With Internal memory for 256 pairs of H. & V. Angle

Laser Theodolite Application



ET Series Theodolite



Features

- Specified large LCD screen for clear angle reading under all conditions.
- Absolute Encoding
- Complete functions and excellent quality lead to the annual sale of 20,000 pcs
- 5-keys keyboard, built-in illumination
- RS-232C interface, easy to connect with EDM

Standard Configuration

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

Relevant Accessories

NP-10
AA Battery Case

NB-10
Rechargeable Battery

NC-10
Battery Charger

NF-10
Solar Filter
(Optional)

NE-10
Diagonal Eyepiece
(Optional)

		ET-02/ET-02L	ET-05/ET-05L	ET-10
TELESCOPE				
Image				
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)		10"
Accuracy		2 "	5 "	10"
Detection method	Horizontal angle	Dual	Dual	Dual
	Vertical angle	Dual	Dual	Dual
DISPLAY				
(LCD)Display type		2 sides		
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		Plate vial
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		