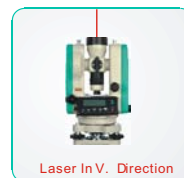
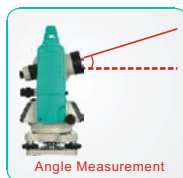
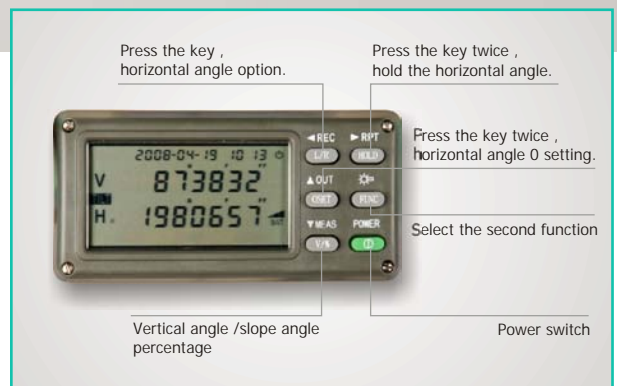


# ELECTRONIC THEODOLITE



## ET-02/05 Series

RUIDE produces 2 main series of electronic theodolites. ET Series, which has been put into production for years and has mature technology, employs the Incremental Photoelectric Encoding measurement method. For DT Series that has a simplified structure and credible capability, it employs the Absolute Encoding measurement method, which enables it free of Manual Initialization (ie. it can work without rotating the lens.) and restores the previous measured data even after reboot.

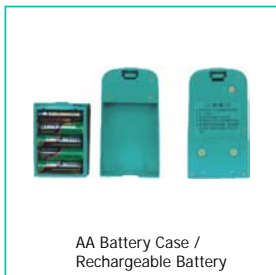


Internal memory system for 256 pairs of H.&V. angle

# ET/DT -02/05 Series



## Accessories



AA Battery Case / Rechargeable Battery



Solar Filter



Diagonal Eyepiece

## Specifications

	ET-02/ET-02L	ET-05/ET-05L
<b>TELESCOPE</b>		
Image		Erect
Magnification		30×
Effective aperture		45mm
Resolving power		3"
Field of view		1° 30'
Min. focuse distance		1.4m
Stadia ratio		100
Stadia constant		0
Tube length		157mm
<b>ANGLE MEASUREMENT</b>		
Method		Absolute Encoding
Diameter of circle(VHz)		79mm
Minimum reading accuracy		1" / 5" / 10" / 20" (Selectable)
	2"	5"
	Horizontal angle Vertical angle	Dual Dual
		Dual Single
<b>DISPLAY</b>		
Screen type	2 sides, segment LCD in two lines	
<b>DATA OUTPUT</b>		
DATA I/O	RS-232C	
<b>LEVEL SENSITIVITY</b>		
Plate level	30" / 2mm	
Circular level	8' / 2mm	
<b>AUTO VERTICAL COMPENSATOR</b>		
System	Liquid-electric detection/ Plate Level	
Compensating Range	±3'	
Accuracy	1 (Liquid-electric detection)30" / 2mm(Plate level)	
<b>OPTICAL PLUMMET TELESCOPE</b>		
Image		Erect
Magnification		3×
Focusing range		0.5m~∞
Field of view		5°
<b>PHYSICAL CHARACTERISTICS</b>		
Laser pointer	ET-02/05: NO	ET-02L/05L: YES
Temperature range	-20°C ~ +45°C	
Internal power supply	Ni-MH / AA battery	
Voltage	ET: 6VDC DT:5VDC	
Operating time	10 hours	
Dimension	L165×H318×W157mm	
Weight	4.3kg	