

## Top Quality LAISAI Electronic Theodolite LS402 Widely Used In Construction Topographic Geological Surveys

Model Number: LS402

- Accuracy: 2"/5" optional
- Minimum reading: 1"/2"/5" optional
- Compensator: Auto vertical compensator
- Display: 2 sides, large LCD
- Angle unit: 3 optional (Degree, Gon, Mil)
- Plummet: optical plummet/Laser plummet optional
- Data port: RS232

### **Packaging & Delivery**

Packaging Details:

Package method:

inner foam pad + Engineering plastic carrying case + outer foam pad + Double paper cartons

Size(L\*W\*H):48\*26\*40cm

Weight: 6KG

Delivery Detail:

3 working days

### **Specifications**

- 1.Auto vertical compensator
- 2.Angle unit 3 optional: degree, gon, mil
- 3.Display and sighting illumination for weak light.

### **Laisai LS402 Electronic theodolite**

It uses the latest electronic technology and SCM technology, which makes the digital electronic theodolite have strong function. It becomes very simple and convenient for measuring the horizontal and vertical angle. Two large LCD and high magnification telescope makes observing and reading more clearly, and it is an ideal high accuracy orientation instrument for construction field.

### **Features:**

- Optional Chinese or English operation pad
- Two large LCD panels showing horizontal and vertical reading simultaneously
- Built-in display and sighting illumination for weak light conditions
- Angle unit in three kinds: degree, gon, mil
- Audible warning when horizontal angle reading reaches such unique angle settings, like 0°, 90°, 180°, 270 °
- Optional vertical-angle measuring modes in four kinds
- Automatic compensation / non-compensation options for vertical zero setting
- Built-in optical plummet
- Compatible for both rechargeable batteries and un-rechargeable batteries
- Four options of automatic power-off: No, 10minutes, 20 minutes, 30 minutes

**Specification:**

Model	LS402	
<b>Telescope</b>	Imaging	Erect image
	Magnification	30x
	Effective aperture	(43mm)
	Field of view	1°20'
	Minimum focus	1.4m
	Stadia ratio	100
	Stadia add	0
	Tube length	157mm

<b>Angular measurement</b>	Measurement method	Incremental Photoelectronic Encoding
	Raster Disk Diameter	71mm
	Minimum Reading	1"/2"/5" optional
	Accuracy	2"/5"/10" optional
	Angle unit	360°/ 400gon / 6400mil (At your option)
<b>Sensitivity of vial</b>	Plate Vial	30"/2mm
	Circual Vial	8'/2mm
<b>Auto vertical compensator</b>	System	Electronic Detection
	Working range	±3'
	Accuracy	1"
<b>Optical plummet</b>	Image	Erect
	Magnification	3X
	Focus range	0.5-∞
	Field of view	5°
<b>Display</b>	Display type	2 sides, Large LCD
<b>Data port</b>	Data port	RS232
<b>Physical Characteristic</b>	Operation temperature	-20°C~+45°C
	Battery	Ni-MH rechargeable battery pack or 4 x AA alkaline batteries
	Voltage	6V
	Operation time	16h
	Dimension	(160 x 150 x 330 mm)
	Weight	4.6kg