

## **DT02 Digital Theodolite**

1. Absolute encoding angle measurement system.
2. Special design with single horizontal spindle cross telescope,
3. The horizontal and vertical spindles are concentric.
4. Laser center point is convenient for work.
5. Excellent waterproofing function that won't bother you with bad weather.
6. The laser line has good visibility.
7. Large LCD display.
8. Independent light sensors can be automatically corrected.
9. It's even more convenient when combined with diagonal eyepieces.
10. It uses a common international functional mode, providing simple and standard operability.
11. By linking with e-books, data is automatically recorded and maps are automatically processed.



**Special Design: Single Horizontal Spindle Crossing the Telescope**

The new design concept combines higher accuracy, more stable specifications and impact resistance.

### **Absolute Angle Encoder System**

You can load angle data without passing "0", making angle measurements easier and more convenient.

### **Double CCD on each axle**

Make your measurements more accurate, stable and reliable.

### **Chinese/English Large Display**

It uses backlight technology to display horizontal and vertical angles simultaneously. It is convenient because it can be used in a variety of conditions.

### **Down laser points**

The ability to emit a laser beam coaxially with the telescope's collimation makes it easier to set up and operate the device.

## **specification**

Model		DT02
telescope	image	upright
	magnification	30x
	Objective aperture	45mm
	Field of view	1° 30
	Shortest viewing distance	1.35m
	Studio Ratio	100
	Solved	3"
Angle measurement	Angle measurement mode	Absolute Angle Encoder System
	Minimum number	1", 5"
	Accuracy	2"
	screen	Line Segment LCD
	Angle Units	Begu/Mil/Gon
Compensator	Inclination sensor	Automatic Vertical Correction
	Coverage	±3
Optical centripetal force	image	upright
	magnification	Three times
	Field of view	5°
	Focus range	0.5m~∞
Laser Plumet	wavelength	650nm
	force	1mW
	Accuracy	1mm
	diameter	2mm

level	Plate level	30 inch/2mm
	Round level	8/2mm
Operating temperature		-20°C to 50°C
force	Battery model	Rechargeable Ni-MH battery
	Voltage	4.8V
Weight of musical instruments		5.0KG
volume		164 x 154 x 340 (mm)

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