

# **DT-21 Digital Theodolite**

This series uses a unique spindle processing technology, and thanks to its flexible fuselage and track record of high-precision measurements, it has improved seismic resistance and water resistance, and is applied to civil engineering fields such as civil engineering, construction, water use, and shipbuilding.

## **Features:**

### **1. Special Symbol: Single horizontal spindle across the telescope**

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

### **2. Absolute Luteness Angle Encoder System**

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

### **3. Double Each axle has a CCD installed**

Make your measurements more accurate, stable and reliable.

### **4. China se/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.

### **5. Downlas Well, the points**

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

### **6. Excellent Waterproof and dustproof IP66**

It prevents dust and dust from entering the interior, and maintains good performance even in poor environments.



Model		DT-21
telescope	image	upright
	magnification	30x
	Objective aperture	45mm
	Field of view	1° 30'
	Shortest viewing distance	1.4m
	Stadia ratio	100
	Solved	3"
Angle measurement	Angle measurement mode	Absolute Angle Encoder System
	Minimum number	1", 5"
	Accuracy	2 inch / 5 inch
	Angle Units	Begu/Mil/Gon
compensation	Coverage	±3

Down Pramet	Down laser plastic	0~5m optimal distance range
	Optical centripetal force	Multi: 3x Focus adjustment range: 0.3~∞
Base and body structure		Separate Style
Plate vial accuracy		30 inch / 2mm
Round vial accuracy		8/2mm
Working temperature		-25°C to 50°C
force	Battery model	Rechargeable lithium battery
	Voltage	3.7V
Weight of musical instruments		4.8KG
volume		200 x 160 x 345 (mm)

application:

Series Electronic Theodolites can be used for 3-4 levels of 3-angle controlled measurements in countries and cities, such as railways, roads, bridges, water projects, mines, fixing large equipment, topographical surveying, and more.

If you are interested in this product, please feel free to contact us.

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