

Theodolite

Affordable
Reliability



SDJ-02

Theodolites is a precision instrument for the measurement of angles in the hoirzontal and vertical plane. They are commonly used in surveying, construction, and engineering for tasks such as measuring the elevation of a structure, determing the slope of a surface, and creating topographic maps.

The SDJ-02 has a digital readout to make reading the angles as easy as possible. With the digital readout you can quickly obtain your measurements.

SPECIFICATIONS

Telescope

Length	155 mm
Objective Aperture	45 mm
Image	Erect
Field of View	1° 30'
Resolving Power	2.5"
Minimum Focus	1.5 m
Stadia Ratio	100
Additive Constant	0

Power

Rechargeable Battery	1500 mAh
Working Time	24 Hours
Working Temperature	-20 °C to +50 °C

Dimension

Height of Instrument	179.5 mm
Dimensions (DxHxW)	160 x 190 x 324 mm
Weight (With Battery)	4.8 kg

E-Angle Measurement

Measurement	Absolute Coding
LCD Display	Double Side
Minimum Reading	1" / 2" / 10"
Accuracy (x1)	2"
Circle Diameter	71 mm

Laser Point

Wavelength	635 nm
Distance	150 m
Facula Diameter	< 5mm / 100 m
Precision	<10"

Level Sensibility

Plate Level	30" / 2 mm
Circular Level	8' / 2 mm