

DISTANCE THEODOLITE

SET-2D



With 250m distance measuring range, SET-2D is more than a regular theodolite you ever use.

**Efficient Operation**

Full Numeric Keyboard
Large Screen

**Distance Measure**

300m distance range
with prism

**Stake Out**

Capable to stake out
point, line and axis.

**Flexible Power**

Able to use either
rechargeable battery or
AA batteries

SPECIFICATIONS

TELESCOPIC

Image	Erect
Magnification	30x
Effective Aperture	40mm
Resolving Power	3"
Field of View	1°30'
Min. Focus	1.5m
Stadia Accuracy	<0.40%/L
Tube Length	155mm

DISTANCE

Single Prism Range	300m
Accuracy	3mm+2ppm*D
Measuring Time	Continuous: 0.3s; Fine: 1.5s
PPM Correction	Manual input, auto correct
Prism Constant	Manual input, auto correct

ANGLE

Type	Absolute Encoding
Accuracy	2"
Minimum Reading	1"/5"/10"
Detection Method	H: dual; V: dual

DISPLAY

Display Unit	2.7", 160*96 dots
No. of Displays	2
Keyboard	Full Numeric

LASER COMPESATOR

Accuracy	1.5mm
Spot Diameter	2.5mm
Length	635±20nm
Laser Class	Class II

LASER TUBE

Wave Length	635±20nm
Laser Class	Class II
Spot Diameter	≤5mm/100m
Axis Error	≤10"

LEVEL

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

POWER SUPPLY

Battery	Li-on battery / AA battery
Voltage	7.4V
Working Time	8h

PHYSICAL

Working Temperature	-20°C to 50°C
Size	165*160*340mm
Weight	4.7kg