

ELECTRONIC THEODOLITE

SET-2D SET-2/5



With big and clear display and simple buttons, SET-2/5 is conventional theodolite with accurate angle accuracy.

For a more advanced option, SET-2D is more than a regular theodolite you ever use, featured with 300m distance measurement with prism and stake out functionality.



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

Allows either original
Li-on battery or AA
batteries

SPECIFICATIONS

SET-2D

SET-2/SET-5

TELESCOPIC

Image	Erect
Magnification	30x
Effective Aperture	40mm
Resolving Power	3"
Field of View	1°30'
Minimum Focus	1.5m
Tube Length	155mm
Stadia Ratio/Constant	100/0

ANGLE

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

DISTANCE

Single Prism Range	300m	
Accuracy	3mm+2ppm*D	
Measuring Time	Continuous: 0.3s; Fine: 1.5s	not available
PPM Correction	Manual input, auto correct	
Prism Constant	Manual input, auto correct	

DISPLAY

Display Unit	2.7", 160*90 dots	2.8", 160*90 dots
No. of Displays	2	2
Keyboard	22 numeric and function keys	8 function keys

LASER POINTER

Wavelength	635±20nm	
Laser Class	Class II	not available

PLUMMET - LASER

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

- OPTICAL

Image	Erect
Magnification	3X
Focusing Range	0.3m - ∞
Field of View	5°

COMPENSATOR

Type	Single axis
Range	±3'

LEVEL

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

POWER SUPPLY

Battery	Li-on battery 2,000mAh / AA battery
Voltage	7.4V
Working Time	8h; 25h (angle mode only)

PHYSICAL

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