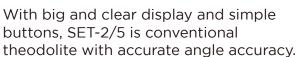
ELECTRONIC THEODOLITE







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

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SET-2 SET-5

TELESCOPIC	
Image	Erect
Magnification	30x
Effective Aperture	40mm
Resolving Power	3"
Field of View	\ 1°30′
Minimum Focus	1.5m
Stadia Accuracy	<0.40%/L
Stadia Ratio	100

ANGLE

Stadia Constant Tube Length

Type Accuracy Minimum Reading **Detection Method** Absolute Encoding

0

155mm

1"/5"/10" H: dual; V: dual

DISTANCE

Single Prism Range Accuracy Measuring Time PPM Correction Prism Constant

300m 3mm+2ppm*D Continuous: 0.3s; Fine: 1.5s Manual input, auto correct Manual input, auto correct

not available

2"/5"

DISPLAY

Display Unit No. of Displays Keyboard

2.7", 160*90 dots 22 numeric and function keys 2.8", 160*90 dots

8 function keys

LASER POINTER

Wavelength Laser Class Spot Size Axis Error

635±20nm Class II ≤5mm/100m ≤10"

not available

PLUMMET - LASER

Accuracy Spot Size Length Laser Class

1.5mm 2.5mm 635±20nm Class II

- OPTICAL

Image Magnification Focusing Range Field of View

Erect 3X 0.3m - ∞ 5°

LEVEL

Plate Level Circular Level

8'/2mm 30"/2mm

POWER SUPPLY

Battery Voltage Working Time Li-on battery 2,000mAh / AA battery 7.4V

8h

PHYSICAL

www.stecprecision.com/theodolite

Working Temperature Size Weight

-20°C to 50°C 165*160*340mm



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