

Product Name :
 Digital Level

Product Code :
 Survey0003



Description :

Digital Level

Technical Specification :

Digital Level

Digital Level from Civil Mechanical Laboratory India

- Automatic reading : Human errors eliminated from misreading & misreporting
- High accuracy : Averaging mode for more accurate results
- Fast computation : Digital Level for Civil Engineering from Laboratory Equipment Manufacturers India - Half time saved when compared with traditional auto level
- Auto save : Internal storage or SD card memory (optional) paperless operation
- 5 m Aluminum code staff / 2 m Fiberglass code staff are available (optional)

Specifications

- Height accuracy (standard deviation for 1 km double run leveling.
- Digital reading : 1.0 mm
- Optical reading : 2.0 mm

Distance accuracy :

- Digital reading : $D \leq 10\text{m} : 10\text{mm}; D > 10\text{m} : D \times 0.001$
- Distance range : Digital reading : 1.5 m ~ 100 m

Minimum display :

- H D : 1mm / 0.1 mm
- Distance : 0.1 / 1 cm

Measuring time :

- Within 3s in normal condition

Telescope :

- Magnification : 32 x
- Resolving power : 3"
- Field of view : 1°30'
- Multiple constant : 100
- Additive constant : 0

Compensator :

- Type : Magnetic – damped
- Range : $> \pm 12'$
- Accuracy : 0.30" / 1'

Data storage :

- Storage : 16 MB
- Point name : increasing / decreasing / customized
- Connection : USB
- External storage : SD card
- Circular vial accuracy : 8' / 2mm
- Auto power off : 5 minutes OFF
- Horizontal dial : Graduation : 1°
- Display : LCD display
- Working temperature : -20°C ~ 50°C
- Weight : 2.5 Kg

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