

Product Name :
Total Station

Product Code :
Civil Engineering0014



Description :

Total Station

We are Leading Supplier of Total Station in India. We also bulk supply Total Station for laboratory tensors.

Technical Specifications :

Telescope

Image : Erect

Magnification : 30x

Resolving power : 2.5' ~ 3.5'

Optical Aperture : 40 ~ 45 mm

Field of view : 1' ~ 20' ; ~ 1' ~ 30'

Focus : 1 m ~ 1.5 m

Reticle illumination : Yes

E D M

Atmospheric correction : Temperature & Barometric

Measurement range without reflector : 500 m in good condition

Accuracy with Prism : $\pm(2+2\text{ppm xD})$ mm

Accuracy with Reflector Sheet : $\pm(3+2\text{ppm xD})$ mm

Measuring time with prism mode : Maximum 0.8s

Measuring time without Reflector : Maximum 1.2s

Angle measurement (Tilt/Compensator) : Dual axis

Angle Measurement Unit : Deg/Gon/Mil (Selectable)

Angle measurement accuracy : 1' (one) second

Angle measurement display resolution : Maximum 1 mm

Display keyboard : Windows CE.NET / QVGA color TFT LCD, Touch screen

Control panel : Both face
Keyboard : Alphanumeric key board with backlight
Instrument Interface & Data Management
Data Storage (Internal) : Minimum 128 MB RAM & 128 Flash Memory
Memory device : USB host & Client
Data Transfer : Via Bluetooth and USB / RS 232 C Data Cable
Interface : RS 232C / USB
General :
Minimum magnification of optical plummet : 3x
Base : Detachable
Dust & Water Protection : Minimum IP55
Working Temperature : -40°C to +60°C
Power & Characteristics :
Battery : Standard Li-ion rechargeable battery
Data & Processing & Software :
Survey Data Processing Software (Original including license agreement)
Surveyed Data Management, Digital Terrain Modeling facilities for drawing, Maps, Contour etc. Geometry
Calculation & Analysis, Design Modeling & Analysis, Plan
Production & Quantities and Multi format support With other
manufacturer.

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