



Theodolite

RT-02 series



Specification

Angle Measurement

- Type: Absolute Encoding
- Min. Reading: 1"
- Accuracy: 2"
- Detection Method:
Horizontal: Dual; Vertical: Dual

Telescope

- Image: Erect
- Magnification: 26.5x
- Effective Aperture: 40mm
- Resolving Power: 3"
- Field of View: 1°30'
- Min. Focus: 1.5m
- Additive constant: 0
- Multiplication constant: 100
- Stadia Accuracy: $\leq 0.40\%/L$
- Tube Length: 155mm

Compensator

- Type: Single Axis
- Working Range: 3'
- Accuracy: 3"

Vial

- Plate Vial: 30"/2mm
- Circular Vial: 8'/2mm

Laser Plummet

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

Display Unit

- 2.8 inches, 160x96 dot
- 4 lines display

Power Supply

- Battery: Li-on Rechargeable
- Voltage: 7.4V
- Working Hrs: 8 hrs

Environment

- Working Range: -20°C - +50°C

Dimension

- Size: 165*160*340mm
- Weight: 4.7kg



NS TECH SURVEY PVT LTD.

Add: B3/H7, BASEMENT, AGGARWAL PLAZA, NETAJI SUBHASH PLACE NEW DELHI-110034

Tel:- 011-41005275 / 9911283856 / 9650277697 / 9717490601

E-mail: sales@ruideindia.com, www.ruideindia.com / www.nstechconsultant.com

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