

DT-1 Series Electronic Theodolite

Features:

- Special design: single horizontal spindle which cross telescope
New design concept, combine higher precision, better stable and shock resistance ability.
- Absolute angle encoder system
Able to read angle data without passing "0", let angle measurement be more simple and convenient.
- English large display
Adopt backlight technology, able to display horizontal and vertical angle at the same time. Convenient to be used in different condition.
- Superior water and dust proof specification IP66
Able to prevent dust and humid air, maintain good performance even in bad environment.

Specification:

Model No.:	DT-21 / DT-51
Telescope	
Image	Erect
Magnification	30X
Objective aperture	45mm
Field of view	1° 30'
Shortest viewing distance	1.4m
Stadia ratio	100
Resolution	3"
Angle measurement	
Angle measurement mode	Absolute angle encoder system
Minimum count	1" / 5"
Accuracy	2" / 5"
Angle units	DEG/MIL/GON
Display	LCD double sides
Compensation range	± 3'
Plummet	Laser or optical plummet for option
Precision of plate vial	30" / 2mm
Precision of circular vial	8' / 2mm
Working temperature	-20°C ~ 50°C
Battery	3.7V chargeable lithium battery
Weight	4.8kg

Standard outfit:

main unit, 1pc rechargeable battery pack and charger, instrument manual, plastic case.

