

DT200 SERIES Electronic Theodolite



DT 200 series Electronic Theodolite applied angle measurement system adopts incremental reading of raster. It can achieve measurement, calculating, display and memory etc. by means of computer technology. It can display time and measuring results of horizontal and vertical angle at the same time. Furthermore, vertical angle can refer to angle or slope and so on.

DT 200 series Electronic Theodolite can be used in third, fourth-order triangulation control surveying, railway, highway, bridge, water conservancy, mine etc. engineering surveying as well as building, installing of large equipment. It is also applied to cadastral surveying, topographic surveying and other engineering surveying.

Main Features:

- Save power design, long operation time
4 AA Alkaline batteries, operating time is about 80 hours
- Large display
More convenient reading and easy operation
- Electronic clock
Measurement data and time can be displayed at same time.
- New function of duplicate measurement
High accuracy and efficiency
- Absolute horizontal angle measurement
Protection for power break, operation safe

MAIN SPECIFICATIONS:

mode	DT202C	DT205D
Angel measurement		
Methods	Incremental Reading	
Mini reading	1"/5"/10"/20"	
Accuracy*	2"	5"
Telescope		
Objective lens	40mm	
Magnification	30×	
Image	Erect	
Field of view	1°20′	
Minimum focus	2m	
Stadia radio	100	
Stadia cnstant	0	
Displays		
Display panel	Double	
Illumination		
Reticle	Yes	
Displays	Yes	
Compensator		
Mode	Vertical compensate	/
Range	±3′	/
Level sensitivity		
Plate level	30"/mm	
Circular level	8'/mm	
Power		
Battery	4 AA Alkaline batteries,operating time is about 80 hours	
Optical plummet		
Magnification	3×	
Field of view	5°	
Focus range	0.5 ~ ∞	
Others		
Serial interface	RS-232C	
Dimension	153×175×360mm	

Weight	4.3Kg
Temperature	-20°C ~ +50°C

*Based on GB10049/DIN8723