

FOIF

DT200 series

Electronic Theodolite



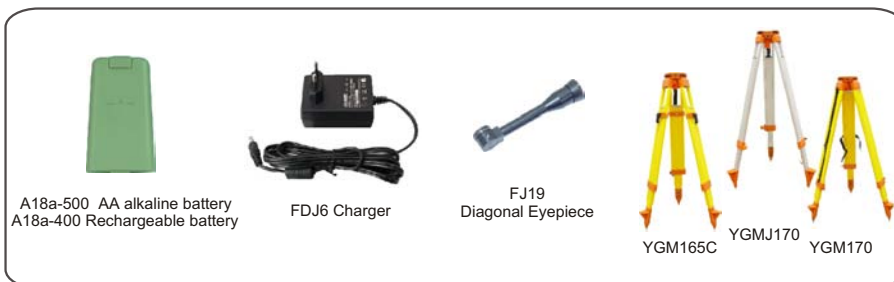
DT200 series Electronic Theodolite can be used in third, fourth-order triangulation control surveying, railway, highway, bridge, water conservancy and mine etc engineering surveying as well as building, installing of large equipment. It is also applied to cadastral surveying, topographic surveying and other engineering surveying.

Specifications

	DT202C ^{*1} DT202CL	DT202 DT202L	DT205C DT205CL	DT205 DT205L	DT205D DT205DL	DT205DM DT205DML
Telescope						
Objective lens	40mm					
Magnification	30×					
Image	Erect					
Field of view	1° 20'					
Minimum focus	2m					
Stadia constant	0					
Stadia ratio	100					
Angle measurement						
Method	Incremental					
Minimum reading	1"/5"/10"/20" or 0.2mgon/1mgon/2mgon/5mgon					
Accuracy ^{*2}	2"			5"		
Diameter of circle	79mm					
Displays						
Display panel	Both					
Illumination	Yes					
Compensator						
Tilt sensors	Yes	No	Yes		No	
Range	3'	/	Yes		/	
Level sensitivity						
Plate level	30"/mm					
Circular level	8"/mm					
Power						
Battery	Ni-MH rechargeable battery / Alkaline battery					
Operating time	45 hours (rechargeable battery) /80 hours (Alkaline battery)					
Others						
Serial interface	RS-232C Baud rate: 9600bps			/		
Dimension	153x175x328mm					
Weight	4.5kg			4.3kg		
Operating temperature	-20°C ~+50°C					

*1 "C" means compensator, "L" means laser plummet, "D" means double display, "M" means shift tribrach
 *2 Standard deviation based on DIN18723

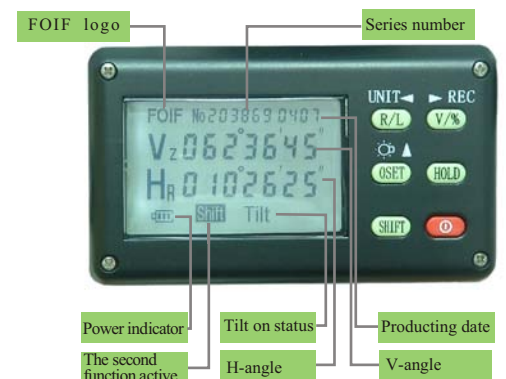
Accessories



Features

- ◆ Continuous operating time of 4 AA Alkaline batteries is about 80 hours.
- ◆ Absolute horizontal angle measurement, when this function is active, if the power off, turn on the instrument again and aim the same target, the horizontal angle displays the same reading.
- ◆ Large LCD display
- ◆ Wide temperature range for LCD display: -20°C to +50°C

Displays



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