

Topcon DT-200 Series Theodolites

Durability, accuracy, and value, that's Topcon and that's the DT-200 and DT-200L Series of digital theodolites.

Features & Benefits:

- Optics centered laser for verifiable accuracy – up to 165 ft. (50m) away (DT-200L only)
- Extremely low power consumption – 140 hrs of operation from 4 AA batteries (w/o laser)
- Waterproof and dustproof
- Vertical angle correction provides ± 3 minutes accuracy
- Simple Operation
- RS232C data i/o port

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With Topcon's DT-200 you'll be up and working fast, thanks to its simple interface and large, easy-to-see backlit LCD. There's an optical plummet that makes set up over a control point easy, and a tilt sensor that provides ± 3 minute angle correction. The DT-200 Series features two magnification choices - 26x and 30x, a super-short 3' minimum focus distance for those tight areas, and angle accuracies of 5, 7, and 9 arc seconds.

Optical centered Laser L = Laser

Add a whole new dimension of accuracy and confidence to your alignment jobs with Topcon's unique DT-200L Series, featuring a 633nm Class II laser beam. It can be used anywhere on your site and seen clearly in direct sunlight up to 165'. Now you can easily and accurately place anchor bolts at regular intervals on a line, set an angle and use the beam to verify your tape measure is properly aligned for the next stake, or "sight in" footers, frames, and tilt-up walls, all without pulling a string!

Laser accurate (DT-200L Series only) Topcon's World Leading laser technology is incorporated in to the DT-200L Series to aid in fast, confident alignment. The 633nm beam is emitted directly from the aperture, but does not impede viewing, in fact it's not even visible when sighting through the lens. (Class II laser beam)

Extremely low power consumption

The DT-200/DT-200L Series provides up to 140+ hours of operation in Angle Measurement mode on 4AA batteries, better than any other model! And when it is time to change batteries, it's as easy as snapping out the old ones and snapping in the new. Even when using the laser, power consumption is extremely low providing 80 hours of continuous operation.

Water and Dustproof

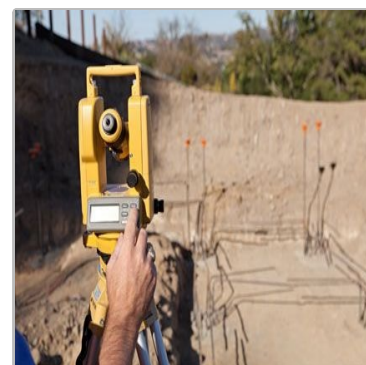
Get the work done, even in less than perfect conditions. All DT-200/DT-200L Series instruments are rated to IP66, standing up to even the rainiest conditions. And each telescope is gas charged to further avoid moisture intrusion and limit or eliminate lens fogging.

Vertical Accuracy

Need greater accuracy the DT-205 comes with a vertical compensator that can adjust the instrument up to 3 minutes or range.

Simple Operation

Each DT-200 provides large, high-contrast, back-lit LCD's on both sides of the instrument. And the five button interface panel is so simple to use your crew won't require any special training to put your DT-200 to use day-in and day-out. (DT-209/209L: single side display)



Topcon DT-200 Series Specifications	
Angle Measurement	
Accuracy	5", 7", 9"
Other	
Ingress Protection	IP66

Operating Time at 68°F (20°C)	140 hours
Battery	AA
Telescope	
Magnification	30X
Length	149mm (5.8")
Objective Lens	45mm (1.7")
Field of View	1' 30"
Resolving Power	2.5"
Minimum Focus	0.9m (2.9')
Stadia ratio	100
Stadia Constant	0
Illumination	
Display	Yes
Reticle	Yes
Optical Plummet	
Magnification	3X
Field of View	3 degrees
Focusing	0.5m
Weight	
Weight	4.1 KG (9lbs)