



# DT-200 SERIES

ADVANCED DIGITAL THEODOLITE







## All The Theodolite You'll Ever Need

- Laser pointer through the scope (L series only)
- Extremely low power consumption
- Waterproof and dustproof
- RS232C data I/O port
- Operates on 4 AA batteries

### Make your next job a snap

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  $\pm 3$  minute angle correction. The DT-200 Series features two magnification choices – 26x and 30x, a super-short 1 meter minimum focus distance for those tight areas, and angle accuracies of 5, 7, and 9 arc seconds.

### Laser pointer

Add a whole new dimension of accuracy and confidence to your alignment jobs with Topcon's unique DT-200L Series featuring a red Class II laser beam. Use it anywhere on your site and see clearly in direct sunlight up to 50 meters. 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.

### The ultimate in continuous operation

The DT-200/DT-200L Series provides up to 170 hours of operation in Angle Measurement mode on 4 AA batteries, better than any other model. When it is time to change batteries, it's as easy as snapping out the old ones and snapping in the new. When using the laser, power consumption is low, providing up to 45 hours of continuous operation.



### Durability, accuracy, and value

Topcon's DT-200 Series represents the highest accuracy and value in digital theodolite technology. Only Topcon, with over 80 years of experience manufacturing the world's most precise optical survey instruments can offer the precision, durability, and advanced technology found in each DT-200.



360° rotating telescope

Laser pointer  
(L Models)

Plummet scope

Dual-side large,  
high-contrast, backlit LCD  
(205, 207)

Removable handle

Sealed battery  
compartment

Dual quick-sights: top and  
bottom of telescope

Horizontal plate level

Built-in tribrach  
with bubble vial

DT-205  
050882

V 2723545  
TLT  
HL 3563905

R/L V/%  
REP 0 SET  
HOLD POWER  
FUNC



| Model                                | DT-205<br>DT-205L  | DT-207<br>DT-207L  | DT-209<br>DT-209L  |
|--------------------------------------|--------------------|--------------------|--------------------|
| Angle Measurement Accuracy           | 5"                 | 7"                 | 9"                 |
| Telescope Magnification              | 30x                | 30x                | 26x                |
| Laser Pointer                        | Focusing (DT-205L) | Focusing (DT-207L) | Focusing (DT-209L) |
| Display Unit                         | 2 sides            | 2 sides            | 1 side             |
| Compensator Tilt Sensor              | Vertical           | N/A                | N/A                |
| Compensating Range                   | ±3'                | N/A                | N/A                |
| Operating Temperature                | -20°C to 50°C      |                    |                    |
| Operating Time: Theodolite Only      | 140 hours          | 150 hours          | 170 hours          |
| Operating Time: Theodolite and Laser | 45 hours (DT-205L) | 45 hours (DT-207L) | 45 hours (DT-209L) |



### Water and dustproof

- IP66 rating
- Treated telescope to prevent moisture and eliminate lens fogging
- Rain proof
- Dust proof



### Laser accurate (L Series Only)

- Beam is emitted directly from the lens
- Bright red laser
- Pin-point accuracy

### Kit components

- Instrument
- Plumb bob
- Tool kit
- Lint free lens cloth
- Hard shell carry case



### Simple Operation

- Large, high-contrast, back-lit LCD's
- Simple five button interface panel
- Horizontal and vertical angles
- Slope by percent on angle



### Fast, reliable data gathering (DT-205/205L)

- Output horizontal angles
- Output vertical angles
- Connects to PC
- Cable connection



For more information:  
[topconpositioning.com/dt-200](http://topconpositioning.com/dt-200)

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