

Advanced Digital Theodolite



- Laser Pointer through the Scope
- Extremely Low Power Consumption
- Waterproof and Dustproof
- RS232C Data I/O Port
- Operates on 4 AA Batteries

DT-200 Series Advanced Digital Theodolite

Compact, lightweight, sets-up in seconds. Topcon's DT-200/DT200L Series Theodolites, all the theodolite you'll ever need.

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 ± 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.

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. 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!

No matter which DT-200 you choose, you'll experience the simplicity and value that only Topcon can provide.

Durability, accuracy, and value

Topcon's DT-200 Series represents the highest accuracy and value in digital theodolite technology. Only Topcon, with 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.



Water and dustproof

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



Laser accurate

(DT-200L Series only)

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



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



PRIMARY FEATURES



The ultimate in continuous operation

The DT-200/DT-200L Series provides up to 140+ hours of operation in Angle Measurement mode on 4 AA 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 45 hours of continuous operation.



KIT COMPONENTS

System Components

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



SPECIFICATIONS

	DT-205 DT-205L	DT-207 DT-207L	DT-209 DT-209L
Angle Measurement Accuracy	5"	7"	9"
Telescope Magnification	30x	30x	26x
Laser Pointer	DT-205L: Focusing	DT-207L: Focusing	DT-209L: Focusing
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	-68°F to +122°F (-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)

For more specifications information:
www.topcon-positioning.eu

Topcon TotalCare

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ACCESSORIES

DT-200/DT-200L Series Instruments and Accessories

DT-200/DT-200L Digital Theodolite Packages

Part #	Description
60212	DT-205 DIGITAL THEODOLITE
60213	DT-207 DIGITAL THEODOLITE
60214	DT-209 DIGITAL THEODOLITE
60215	DT-205L DIGITAL THEODOLITE
60216	DT-207L DIGITAL THEODOLITE
60217	DT-209L DIGITAL THEODOLITE



Diagonal Eyepiece 13
Part # 53331



AA Batt Pk Hldr/DT-100-DB-35
Part # 53338

DT-200/DT-200L Accessories

51954	CARRY HANDLE 17 FOR DT-100'S
53331	DIAGONAL EYEPIECE 13
53345	BATT.PACK BC-26B F.DT-100 SERI
53346	BATT.PACK BC-26C F.DT-100 SERI
55302	DIAGONAL EYEPIECE AT-G
55323	TROUGH COMPASS-5
53336	ON BOARD BATTERY/DT-30
53337	AA SIZE BATTERY HOLDER DB-12
53338	AA BATT PK HLDR/DT-100-DB-35
53343	BATTERY CHARGER BC14B
51952	CARRYING HDLE AG W/O ADAP ORNG
55308	DIAGONAL EYEPIECE 2
55310	NIGHT ILLUMINATOR CLIP ON
55313	TROUGH COMPASS
55333	TROUGH COMPASS II
55334	TROUGH COMPASS 6
55318	TRAVERSE TARGET W/ADAPTER
55319	TRAVERSE TARGET ONLY
53310	SOLAR RETICLE: DT-10/20
53376	BC-16 QUICK CHGR/ETL-1, DT-30



Trough Compass-5
Part # 55323



Trough Compass 6
Part # 55334

* The following serial #s and above require 53331 for a diagonal eyepiece: (DT-101) Ser.#0339, (DT-102) Ser.#0464, (DT-103) Ser.#0750, (DT-104) Ser.#4521.

All others require diagonal eyepiece #55302.
ALL "L" series of the DT-100 series require #53331.

Your local Authorized Topcon dealer is: