

Advanced Digital Theodolite

DT-300 Series



Precision Digital Theodolite

All the Theodolite You'll Ever Need

DT-300 Series

Make your next job a snap

With the DT-300 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-300 Series features two magnification choices of 26x and 30x, a less than 1 metres 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 our unique DT-300L Series featuring a red Class II laser beam. Use it anywhere on your site and see clearly in direct sunlight up to 165 ft. 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-300/DT-300L Series provides up to 30 workdays of operation in Angle Measurement mode on 4 AA or optional Li-ion 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.

**High-accuracy measurements
(5", 7" and 9" models)**

**Ultra-rugged IP66 dust and heavy
rain protection**

Compact and light weight

Long-lasting Li-ion or AA battery life

Easy-to-use LCD backlit display(s)

Precise laser pointer guidance

**Embedded tilt sensor for 5" and
7" models**





- 1 Removable handle
- 2 Dual quick-sights: top and bottom of telescope
- 3 360° rotating telescope
- 4 Laser pointer (L Models)
- 5 Sealed battery compartment
- 6 Horizontal plate level
- 7 Plummet scope (Optional)
- 8 Dual-side large, high-contrast, backlit LCD (305, 307)
- 9 Built-in tribrach with bubble vial

Durability, accuracy, and value

The DT-300 Series represents the highest accuracy and value in digital theodolite technology. Our 80 plus years of experience manufacturing the world's most precise optical survey instruments, shines through in the precision, durability, and advanced technology found in each DT-300.





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



Simple Operation

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



Long-lasting power options

- Up to 30 workdays of operation
- Topcon BDC Li-ion battery
- Or traditional AA batteries

Kit Components

- Instrument
- Lint free lens cloth
- Blumb bob (optional)
- Hard shell carry case
- Tool kit



Specifications subject to change without notice.
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www.topconpositioning.com/dt-300

