## DT-200/200L series

**Specifications**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Telescope</td>
<td>149mm</td>
<td>149mm</td>
<td>149mm</td>
<td>149mm</td>
<td>152mm</td>
<td>152mm</td>
<td>152mm</td>
</tr>
<tr>
<td>Object Lens</td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
</tr>
<tr>
<td>Magnification</td>
<td>30x</td>
<td>30x</td>
<td>30x</td>
<td>30x</td>
<td>30x</td>
<td>30x</td>
<td>30x</td>
</tr>
<tr>
<td>Field of View</td>
<td>130'</td>
<td>130'</td>
<td>130'</td>
<td>130'</td>
<td>130'</td>
<td>130'</td>
<td>130'</td>
</tr>
<tr>
<td>Refracting power</td>
<td>2.5x</td>
<td>2.5x</td>
<td>2.5x</td>
<td>2.5x</td>
<td>2.5x</td>
<td>2.5x</td>
<td>2.5x</td>
</tr>
<tr>
<td>Minimum Focus</td>
<td>90mm</td>
<td>90mm</td>
<td>90mm</td>
<td>90mm</td>
<td>1m</td>
<td>1m</td>
<td>1m</td>
</tr>
<tr>
<td>Stadiar ratio</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Stadia constant</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Sightline angle</td>
<td>Double</td>
<td>Double</td>
<td>Double</td>
<td>Double</td>
<td>Double</td>
<td>Double</td>
<td>Double</td>
</tr>
</tbody>
</table>

**Electronic Angle Measurement**

- **Method**: Absolute Reading
- **Deflecting**: Horizontal 2 side, Vertical 1 side
- **Minimum Reading**: 1°/10" 0.5'gen/10" 1'gen/10" 1/10" 1°/10" 1°/10"
- **Accuracy**: 2" 2" 2" 2" 2" 2" 2"

**Laser Pointer**

- **Method**: Double
- **Wave length/Power**: 633nm/0.6mW
- **Laser Class**: Class 2
- **Display Unit**: 2 sides
- **Illumination Display**: LCD 7segments
- **Data Output**: Serial signal connector (RS-232C)
- **Compensator**: Tilt sensor (Vertical)
- **Optical Plummet**: Magnification 3x 3x 3x 3x 3x 3x 3x
- **Tripod**: 60/2mm 60/2mm 60/2mm 60/2mm 60/2mm 60/2mm 60/2mm
- **Telescope**: Field of view 3 3 3 3 3 3 3
- **Telescope Field of View**: 3 3 3 3 3 3 3
- **Level Sensitivity**: 10"/2mm 10"/2mm 10"/2mm 10"/2mm 10"/2mm 20"/2mm 20"/2mm
- **Power Supply**: Battery 4AA batteries 4AA batteries 4AA batteries 4AA batteries 4AA batteries 4AA batteries 4AA batteries
- **Operating Time**: Theodolite only 100h 140h 140h 140h 140h 140h 140h
- **Weight**: 4.1kg 4.1kg 4.1kg 4.1kg 4.1kg 4.1kg 4.1kg

---

**Important**

In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

---

**Your local Authorized Topcon Dealer is:**

TOPCON SOKKIA INDIA PVT. LTD.
C-25, GROUND FLOOR, SECTOR-8,
NOIDA, U.P. - 201 301
www.topconsokkia.ind.in
TOPCON’s new DT-200 series allows more than 100h of continuous measurement in the angle mode. This long battery life will eliminate the necessity for the replacement batteries on the job.

LONGER BATTERY LIFE MORE THAN 100h!

FEATURES

WATERPROOF DIGITAL THEODOLITE

TOPCON’s new DT-200 / 200L series can stand up to any “Wet-Weather” condition that can occur in the field. The benefit is that you will experience no downtime on the job due to inclement weather.

Degree of protection against water for TOPCON’s new DT-200 / 200L series is based on the standard IEC60529, whose definition is “Water projected in powerful jets against the enclosure from any direction shall have no harmful effects.” (IP66)

HIGH-ACCURATE MEASUREMENT WITH TILT SENSOR (DT-202/205/205L)

Provided with Tilt Sensor for Vertical angle correction, the DT-202/205/205L assures high precision measurement accuracy. The correction range is 3'.

DATA-OUTPUT VIA RS-232C PORT (DT-202/205/205L)

The DT-202/205/205L has the RS-232C Serial Signal Port, which will systemize the DT-202/205/205L when connecting with data collectors or computers.

COMPACT AND LIGHT WEIGHT

The DT-200 series is extremely compact in its size for easy portability, and it weighs only 3.5kg (DT-209).

SIMPLE OPERATION

TOPCON has combined precise measurement in a functional package. The DT-200/200L series is so easy to operate that anyone at the site can use it without the need of any special training.

EASY LAYOUT WITH LASER THEODOLITE DT-200L SERIES

The all-new line of Digital Theodolite with built-in 633nm diode laser that can be seen up to 50 meters away outside in daylight.

STANDARD SET COMPONENTS

OPTIONAL ACCESSORIES

- Diagonal Eyepiece 13
- Solar Reticle
- Carrying Handle 17
- Trough Compass 5
- Optical Roof Plummet 3
(Except DT-200L)