CX Series

Total Stations

<table>
<thead>
<tr>
<th>Model</th>
<th>CX-101</th>
<th>CX-102</th>
<th>CX-103</th>
<th>CX-105</th>
<th>CX-107</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telescope</td>
<td>0.2°</td>
<td>0.2°</td>
<td>0.2°</td>
<td>0.2°</td>
<td>0.2°</td>
</tr>
<tr>
<td>Magnification / Measuring power</td>
<td>25x / 3.0x</td>
<td>25x / 3.0x</td>
<td>27x / 3.0x</td>
<td>25x / 3.0x</td>
<td>25x / 3.0x</td>
</tr>
<tr>
<td>Objectives</td>
<td>5-mm f/6.4</td>
<td>5-mm f/6.4</td>
<td>5-mm f/6.4</td>
<td>5-mm f/6.4</td>
<td>5-mm f/6.4</td>
</tr>
<tr>
<td>Angle aperture</td>
<td>1.6°</td>
<td>1.6°</td>
<td>1.6°</td>
<td>1.6°</td>
<td>1.6°</td>
</tr>
<tr>
<td>Angle measurement</td>
<td>±1.0° / ±2.0°</td>
<td>±1.0° / ±2.0°</td>
<td>±1.0° / ±2.0°</td>
<td>±1.0° / ±2.0°</td>
<td>±1.0° / ±2.0°</td>
</tr>
<tr>
<td>Display resolution</td>
<td>0.002 / 0.0005mm</td>
<td>0.002 / 0.0005mm</td>
<td>0.002 / 0.0005mm</td>
<td>0.002 / 0.0005mm</td>
<td>0.002 / 0.0005mm</td>
</tr>
<tr>
<td>Distance measurement</td>
<td>0.3 to 500m(1.0 to 1,640ft.)</td>
<td>0.3 to 500m(1.0 to 1,640ft.)</td>
<td>0.3 to 500m(1.0 to 1,640ft.)</td>
<td>0.3 to 500m(1.0 to 1,640ft.)</td>
<td>0.3 to 500m(1.0 to 1,640ft.)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20 to +50ºC (-4 to +122ºF)</td>
<td>-20 to +50ºC (-4 to +122ºF)</td>
<td>-20 to +50ºC (-4 to +122ºF)</td>
<td>-20 to +50ºC (-4 to +122ºF)</td>
<td>-20 to +50ºC (-4 to +122ºF)</td>
</tr>
<tr>
<td>Optical plummet</td>
<td>Red LED (626nm), Green LED (524nm)</td>
<td>Red LED (626nm), Green LED (524nm)</td>
<td>Red LED (626nm), Green LED (524nm)</td>
<td>Red LED (626nm), Green LED (524nm)</td>
<td>Red LED (626nm), Green LED (524nm)</td>
</tr>
<tr>
<td>Laser-pointer</td>
<td>6' (inner circle)</td>
<td>6' (inner circle)</td>
<td>6' (inner circle)</td>
<td>6' (inner circle)</td>
<td>6' (inner circle)</td>
</tr>
<tr>
<td>Interface and Data management</td>
<td>Plug-in memory device</td>
<td>Plug-in memory device</td>
<td>Plug-in memory device</td>
<td>Plug-in memory device</td>
<td>Plug-in memory device</td>
</tr>
<tr>
<td>Data storage</td>
<td>Approx. 10,000 points</td>
<td>Approx. 10,000 points</td>
<td>Approx. 10,000 points</td>
<td>Approx. 10,000 points</td>
<td>Approx. 10,000 points</td>
</tr>
<tr>
<td>Display / Keyboard</td>
<td>Graphic LCD, 192 x 80 dots, backlight, control function(s)</td>
<td>Graphic LCD, 192 x 80 dots, backlight, control function(s)</td>
<td>Graphic LCD, 192 x 80 dots, backlight, control function(s)</td>
<td>Graphic LCD, 192 x 80 dots, backlight, control function(s)</td>
<td>Graphic LCD, 192 x 80 dots, backlight, control function(s)</td>
</tr>
<tr>
<td>Control panel location</td>
<td>On both faces</td>
<td>On both faces</td>
<td>On both faces</td>
<td>On both faces</td>
<td>On both faces</td>
</tr>
<tr>
<td>Control panel location with handle</td>
<td>On one face</td>
<td>On one face</td>
<td>On one face</td>
<td>On one face</td>
<td>On one face</td>
</tr>
<tr>
<td>Carrier strap</td>
<td>Carrying strap</td>
<td>Carrying strap</td>
<td>Carrying strap</td>
<td>Carrying strap</td>
<td>Carrying strap</td>
</tr>
<tr>
<td>Extended battery</td>
<td>Approx. 10.4kg(23.1 lb)</td>
<td>Approx. 10.4kg(23.1 lb)</td>
<td>Approx. 10.4kg(23.1 lb)</td>
<td>Approx. 10.4kg(23.1 lb)</td>
<td>Approx. 10.4kg(23.1 lb)</td>
</tr>
<tr>
<td>Weight and handle strap</td>
<td><a href="mailto:1.0mm@1.3m">1.0mm@1.3m</a>, Class 2 laser product</td>
<td><a href="mailto:1.0mm@1.3m">1.0mm@1.3m</a>, Class 2 laser product</td>
<td><a href="mailto:1.0mm@1.3m">1.0mm@1.3m</a>, Class 2 laser product</td>
<td><a href="mailto:1.0mm@1.3m">1.0mm@1.3m</a>, Class 2 laser product</td>
<td><a href="mailto:1.0mm@1.3m">1.0mm@1.3m</a>, Class 2 laser product</td>
</tr>
<tr>
<td>Battery</td>
<td>10' / 2mm</td>
<td>10' / 2mm</td>
<td>10' / 2mm</td>
<td>10' / 2mm</td>
<td>10' / 2mm</td>
</tr>
<tr>
<td>Operating time (20ºC)</td>
<td>Approx. 36 hours</td>
<td>Approx. 36 hours</td>
<td>Approx. 36 hours</td>
<td>Approx. 36 hours</td>
<td>Approx. 36 hours</td>
</tr>
<tr>
<td>Power supply</td>
<td>Li-ion rechargeable battery</td>
<td>Li-ion rechargeable battery</td>
<td>Li-ion rechargeable battery</td>
<td>Li-ion rechargeable battery</td>
<td>Li-ion rechargeable battery</td>
</tr>
<tr>
<td>Weight with handle and battery</td>
<td>Approx. 5.6kg (12.3 lb.)</td>
<td>Approx. 5.6kg (12.3 lb.)</td>
<td>Approx. 5.6kg (12.3 lb.)</td>
<td>Approx. 5.6kg (12.3 lb.)</td>
<td>Approx. 5.6kg (12.3 lb.)</td>
</tr>
<tr>
<td>Size with handle (mm)</td>
<td>190 x 60 x 365</td>
<td>190 x 60 x 365</td>
<td>190 x 60 x 365</td>
<td>190 x 60 x 365</td>
<td>190 x 60 x 365</td>
</tr>
<tr>
<td>Size with handle (in.)</td>
<td>7.5 x 2.3 x 14.4</td>
<td>7.5 x 2.3 x 14.4</td>
<td>7.5 x 2.3 x 14.4</td>
<td>7.5 x 2.3 x 14.4</td>
<td>7.5 x 2.3 x 14.4</td>
</tr>
<tr>
<td>Telescope Specifications</td>
<td>Zoom 1x to 22x, Ladies, Center mark, Center mark</td>
<td>Zoom 1x to 22x, Ladies, Center mark, Center mark</td>
<td>Zoom 1x to 22x, Ladies, Center mark, Center mark</td>
<td>Zoom 1x to 22x, Ladies, Center mark, Center mark</td>
<td>Zoom 1x to 22x, Ladies, Center mark, Center mark</td>
</tr>
<tr>
<td>Topcon Corporation</td>
<td>©2011 Topcon Corporation All rights reserved.</td>
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</tbody>
</table>

Tradition Meets Innovation

- LongLink™ data communications
- Advanced angle measurement systems
- Super-long battery life
- Waterproof, rugged, and operator friendly
- Factory option

SOKKIA SINGAPORE POSITIONING SALES PTE LTD
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SINGAPORE 159382
PHONE: +65 6479 3966 FAX: +65 6479 4966
WEBSITE: www.sokkia.com.sg

Provided by Xpert Survey Equipment
Click Sokkia CX-103 for Product Info and Updated Pricing

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The CX maintains SOKKIA’s tradition for accuracy and quality while setting new standards in total stations.

**RED-tech technology**
- reflectorless EDM

**LongLink Data Communication**
- The CX series of total stations features Bluetooth Class 1 wireless technology for reliable data communications up to 300m.
- All CX data is instantly available at the Bluetooth-equipped controller.
- Eliminate the frustration of hand-signals and errors on all mid-range layout, staking, and other jobs.

**Advanced Angle Measurement System**
- CX features SOKKIA’s original absolute encoders that provide long-term reliability in any job site condition. Dual-axis compensator ensures stable measurements even when setup on uneven terrain.
- Sokkia’s traditional motion clamp and tangent screw are employed to ensure stable angle measurement.
- CX101 and CX102 feature groundbreaking IACS (Independent Angle Calibration System) technology for extremely reliable angle measurement.

**Unprecedented Battery Life**
- The CX single battery can last up to 36 hours.

**Waterproof, rugged, and operator friendly**
- IP66 dustproof / waterproof rating.
- Metal chassis and heavy duty handle add ruggedness.
- Standard usage temperature range -20°C to +50°C. Low temperature models can be used as low as -30°C and high temperature models up to +60°C.

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