Topcon does it again – an even smaller, lighter, faster, survey solution to handle your biggest jobs

- World's Longest Range Reflectorless EDM (2000m) (GPT-7500)
- Backlit keypad and display
- USB Type A and USB mini slots
- Increased Battery Capacity (5000mAh)
- Advanced WinCE processor on-board
- New smaller, lighter design

Specifications

**LASER**
- GTS-751
- GTS-753
- GTS-755
- GPT-7501
- GPT-7503
- GPT-7505

**ANGLE MEASUREMENT**
- GTS-751
- GTS-753
- GTS-755
- GPT-7501
- GPT-7503
- GPT-7505

**Accuracy**
- 5" (2"")
- 5" (2"")
- 5" (2"")

**Method**
- Absolute Reading
- Dual Axis
- Dual Axis

**Compensating Range**
- ±6"
- ±6"
- ±6"

**TELESCOPE**
- Magnification:
- Min. Focus Distance: 1.3m

**PRISM MODE DISTANCE MEASUREMENT**
- Range (Kodak White):
- Accuracy:
- Fire:
- Coarse:
- Tracking:

**NON-PRISM MODE DISTANCE MEASUREMENT** (GPT-7500 Series Only)
- Range:
- Accuracy:

**COMPUTER UNIT**
- Processor:
- Memory:
- Displays:
- Screen:

**INTERFACE**
- Card System:
- Serial I/F Port:
- (2) USB Mini-B and Type A

**PHYSICAL SPECIFICATION**
- Weight:
- Carrying case:
- Battery Power:
- Operating Temp.:
- Battery life:
- Recharging:

**TOPCON CORPORATION**

Provided by Xpert Survey Equipment
Click Topcon GTS-755 for Product Info and Updated Pricing
Topcon is the world leader in survey instrumentation. In fact, Topcon changed the way topography and layout work is done. We continue to lead the industry with time-saving solutions—from the 1976 introduction of the Guppy, the first Total Station, to quick-look, onboard imaging, and long-range EDM (Electronic Distance Meter) technology.

Topcon’s refl ectorless GPT-7500 and conventional GTS-750 Total Stations provide a lighter, faster survey solution for handling your biggest jobs. Both models feature 1, 3, or 5 second angle accuracy to fit your job and budget. Enjoy the beneﬁts of a large color touch screen and backlit keypads on both sides of the unit (1 & 3 second models only). All models come standard with a 400MHz processor and Windows CE operating system, and increased battery capacity (5000mAh). The USB A, USB mini port, and Compact Flash port gives you plenty of storage space and upload/download options. There’s even Point Guide LEDs that visually inform the rod man that he’s online. And like all Topcon survey instruments, they are ruggedly built to withstand harsh conditions.

The GPT-7500 provides the world’s longest refl ectorless EDM: 6500 ft. (2000m). Its refl ectorless beam measures what you want to measure, even when shooting through obstacles such as fenc ing or tree branches. Refl ectorless equals safety: stop sending a rod man into dangerous terrain or high trafﬁc situations. Take shots of areas that are diffi cult or impossible to access from a safe distance.

Smaller and lighter, it’s easy to take into the ﬁ eld, set-up, and move to ﬁ nish the job quickly and with less hassle. The GTS-750, now with the 400MHz processor installed, takes fast shots, so there’s less waiting time. Just point at the prism and shoot.

Smaller, lighter, and faster, the GPT-750/GTS-750 Total Stations are setting the new standard by which all total stations will be measured.

Advanced features, durable construction – standard or refl ectorless, Topcon’s GPT-7500/GTS-750 Series is the answer for the most demanding jobs.

**TopSURV Onboard**

- Expanded import and export for CAD packages
- Exclusive enhanced right mouse support
- Multiple layer selection
- Exclusive Topo Grid Function
- Improved digital level support

**Connected**

- Expand on-board memory or move ﬁ les using Compact Flash technology
- Upload or download data directly to a PC in the ﬁ eld or off site using the USB A port
- Use the mini USB port to connect to active/async

**Visibly Different**

- Dual backlit full keypad (1” & 3” models only)
- Smaller, lightweight design and rugged construction for ease of transport and durability
- Rechargeable batteries provide increased operating times

**Work the Way You Want**

The GTS-750 and GPT-750 models have an external data port for use with external data collectors from Topcon and other third parties. The On-board Windows CE system allows other third party software to be loaded on-board.

**World’s Longest Range**

**Refl ectorless EDM**

(GPT-7500 only)

- Most powerful refl ectorless EDM available (2000m)
- Long range power means unsurpassed short range performance
- Pinpoint accuracy with narrow, focused beam

**Smaller. Lighter. Faster. Longer.**

Topcon’s GPT-7500/GTS-750 Series Total Stations are the next wave of revolutionary design and advanced technology.

- Integrated, removable handle
- Quick sight
- Compact Flash card slot
- Optical Plummets
- Dual front and back color touch screen and full keypad (1” & 3” models only)

**There’s a GPT-7500 or GTS-750 to fit your jobs and your budget**

Whatever the job or budget, there is a Total Station for you. Both the GPT-7500 and GTS-750 are built with the highest standards, guaranteed to ﬁ t any budget. It’s time to add the accuracy of the world’s most advanced Total Station to your job.

**Standard packages include:**

- GTS-750 / GPT-7500 with Lens Cap
- Battery BT-65Q
- Battery Charger BC-30 and AC Cable
- Optical Plummet
- USB Cable F-25
- Shoulder Belt
- Display Protection Sheet

**The Leader in Positioning Technology**

Topcon’s positioning products deliver unparalleled site-wide performance and integration. Our history of technological advances, reputation for superior reliability means there is no other company positioned to provide a better Total Positioning Solution.

From survey to inspection, with our world-wide dealers, we provide innovative technology, giving surveyors, civil engineers, contractors, equipment owners, and operators the competitive edge by addressing the critical issues: increasing proﬁ t, quality craftsmanship, improving productivity, lowering operating costs, and enhancing jobsite safety.

Our goal is full positioning integration from ﬁ eld toﬁ nish. If you are ready for the next level, it’s time to turn to Topcon.

**The Leader in Customer Satisfaction**

To ensure that your Topcon instrument maintains peak performance, your local Topcon dealer offers factory trained and certiﬁ ed service technicians. If service is not available in your area, we offer a repair and return policy that is second to none.
Topcon is the world leader in survey instrumentation. In fact, Topcon changed the way topography and layout work is done. We continue to lead the industry with time-saving solutions—from the 1976 introduction of the Guppy, the first Total Station, to quick-lock, onboard imaging, and long-range EDM (Electronic Distance Meter) technology.

Topcon’s reflexless GPT-7500 and conventional GTS-750 Total Stations provide a lighter, faster survey solution for handling your biggest jobs. Both models feature 1, 3, or 5 second angle accuracy to fit your job and budget. Enjoy the benefits of a large color touch screen and backlit keypads on both sides of the unit (1 & 3 second models only). All models come standard with a 400MHz processor and Windows CE operating system, and increased battery capacity (5000mAh). The USB A, USB mini port, and Compact Flash port gives you plenty of storage space and upload/download options. There’s even Point Guide LEDs that visually inform the rod man that he’s online. And like all Topcon survey instruments, they are ruggedly built to withstand harsh conditions.

The GPT-7500 provides the world’s longest range reflexless EDM: 6500+ ft. (2000m). Its reflexless beam measures what you want to measure, even when shooting through obstacles such as fenc ing or tree branches. Reflexless equals safety: stop sending a rod man into dangerous terrain or high traffic situations. Take shots of areas that are difficult or impossible to access from a safe distance.

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**TopSURV Onboard**
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- Exclusive enhanced right mouse support
- Multiple layer selection
- Exclusive Topo Grid Function
- Expanded import and export for CAD packages
- Quick sight

**Visibly Different**
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<table>
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<tr>
<th>Laser</th>
<th>GTS-751</th>
<th>GTS-753</th>
<th>GTS-755</th>
<th>GPT-7501</th>
<th>GPT-7503</th>
<th>GPT-7505</th>
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<tbody>
<tr>
<td>Accuracy**</td>
<td>Absolute Reading</td>
<td>Absolute Reading</td>
<td>Absolute Reading</td>
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<td>Dual Axis</td>
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<td>±6&quot;</td>
<td>±6&quot;</td>
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<td>TELESCOPE</td>
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<td>Min. Focus Distance</td>
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<td>1.3m</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

#### Prism Mode Distance Measurement
- 1 prism: 3,000m
- 3 prism: 4,000m
- 9 prism: 5,000m
- Mini prism: 1,000m

- Accuracy: ±(2mm+2ppmxD*) m.s.e.

#### Non-Prism Mode Distance Measurement (GPT-7500 Series Only)
- Normal Mode
  - Range (Kodak White): 1.5m - 250m
  - Accuracy: ±(3mm+3ppmxD*)
  - Tracking: ±(5mm)
- Long Mode
  - Range (Kodak White): 5.0m - 2000m
  - Accuracy: ±(10mm+10ppmxD*)
  - Coarse: ±(10mm)  ±(20mm+10ppmxD*)

#### Computer Unit
- On-board Processor: PXA255 400MHz
- Memory: 64M byte
- ROM: 2Mb(Flash ROM) + 128Mb(SD Card)
- Displays: 320 x 240(QVGA) Color LCD TFT
- Interface: CompactFlash Card (Type III)
- Serial IF Port: RS-232C (6 pin)
- USB Mini-B and Type A

#### Physical Specifications
- Weight (Instrument with battery): 5.9kg
- Carrying case: 4.5kg
- Environmental: IP54(Based on the standard IEC60529)
- Operating Temp.: -20°C to +50°C (-4°F to +122°F)
- Battery Power: 10h

- Weight (Carrying case): 4.5kg
- Environmental: IP54(Based on the standard IEC60529)
- Operating Temp.: -20°C to +50°C (-4°F to +122°F)
- Battery Power: 12h

- Weight (Instrument only): 6kg
- Environmental: IP54(Based on the standard IEC60529)
- Operating Temp.: -20°C to +50°C (-4°F to +122°F)
- Battery Power: 12h

- Weight (Recharging): 5h

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