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**

<table>
<thead>
<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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</thead>
<tbody>
<tr>
<td>ANGLE MEASUREMENT</td>
<td><strong>1”</strong></td>
<td><strong>3”</strong></td>
<td><strong>5”</strong></td>
<td><strong>1”</strong></td>
<td><strong>3”</strong></td>
<td><strong>5”</strong></td>
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<tr>
<td>Method</td>
<td>Absolute Reading</td>
<td>Absolute Reading</td>
<td>Absolute Reading</td>
<td>Dual Axis</td>
<td>Dual Axis</td>
<td>Dual Axis</td>
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<tr>
<td>Min. Reading</td>
<td><strong>0.5”/1”</strong></td>
<td><strong>1”/1.5”</strong></td>
<td><strong>0.5”/1”</strong></td>
<td><strong>1”/1.5”</strong></td>
<td><strong>1”/1.5”</strong></td>
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<td>Compensating Range</td>
<td>±6”</td>
<td>±6”</td>
<td>±6”</td>
<td>±6”</td>
<td>±6”</td>
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<tr>
<td>TELESCOPE</td>
<td>Magnification</td>
<td>30x</td>
<td>30x</td>
<td></td>
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<tr>
<td>Min. Focus Distance</td>
<td>1.3m</td>
<td>1.3m</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**PRISM MODE DISTANCE MEASUREMENT**

- **1 prism** 3,000m, 3,000m, 2000m, 3,000m
- **3 prism** 4,000m, 4,000m, 2700m, 4,000m
- **9 prism** 5,000m, 5,000m, 3400m, 5,000m
- **Mini prism** 1,000m, 1,000m, 900m, 1,000m

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

- **NORMAL MODE**
  - Range (Kodak White) **1.5m - 250m**
  - Accuracy **±1mm**
  - Fine **±3mm**
  - Coarse **±4mm**
  - Tracking **±5mm**

- **LONG MODE**
  - Range (Kodak White) **5.0m - 2000m**
  - Accuracy **±1mm**
  - Fine **±3mm**
  - Coarse **±4mm**
  - Tracking **±5mm**

**COMPUTER UNIT**

- On-board Microsoft Windows CE.NET 4.2
- Processor PXA255 400MHz
- Memory 64M byte RAM, 2Mb(Flash ROM) + 128Mb(SD Card) (A portion is used for pre-installed programs and data management functions)
- Displays Dual 320 x 240(QVGA) Color LCD TFT
- Screen

**INTERFACE**

- Card System CompactFlash Card (Type III)
- Serial I/F Port RS-232C (6 pin)
- (2) USB Mini-B and Type A
- (2) USB Mini-B and Type A

**PHYSICAL SPECIFICATION**

- Weight Instrument (with battery) **5.9kg**
- Carrying case **4.5kg**
- Environmental Operating Temp. **-20°C to +50°C (-4°F to +122°F)**
- Battery Power Include distance measurement **10h**
- Angle measurement only **12h**
- Recharging **5h**
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, and more efficient survey solution. The 400Mhz processor and Windows CE operating system provide increased battery capacity (5000mAh). The USB A, USB mini port, and Compact Flash port allows other third party software to be loaded on-board. Work the Way You Want
The GTS-750 and GPT-7500 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.

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 reflectorless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflective equals safety; stop sending a rod man into dangerous terrain or high traffic situations. Take branchless EDM: 6500+ ft. (2000m). It...
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Topcon’s reflectorless 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 on line. And like all Topcon survey instruments, they are ruggedly built to withstand harsh conditions.

The GPT-7500 provides the world’s longest range reflectorless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflectorless equals safety; stop sending a rod man to a dangerous point. 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 and lighter, it’s easy to take into the field, set-up, and move to fill in 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.

Topcon’s GPT-7500 and conventional GTS-750 Series Total Stations are setting the new standard by which all total stations will be measured.

Advanced features, durable construction – standard or reflectorless, 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 files using Compact Flash technology
- Upload or download data directly to a PC in the field or off-line using the USB A port
- Use the mini USB port to connect to activesync

Visibly Different

- Dual backlight 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 onboard Windows CE system allows other third party software to be loaded on-board.

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

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 fit 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-40U
- Battery Charger IC-30 and AC Cable
- Plumb bomb set
- Instruction Manual (Pocket Booklet)
- Instruction Manual (CD-ROM)
- Sun Shade
- Plastic Rain Cover
- Tool Kit
- Carrying Case
- USB Cable F-25
- Shoulder Belt
- Display Protector Sheet

The world’s most advanced Total Station

• Most powerful reflectorless EDM (GPT-7500 only)
• Long range power means unsurpassed short range performance
• Pinpoint accuracy with narrow, focused beam

The GPT-7500 provides the world’s longest range reflectorless EDM: 6500+ ft. (2000m). Its reflectorless beam measures what you want to measure, even when shooting through obstacles such as fencing or tree branches. Reflectorless equals safety; stop sending a rod man to a dangerous point. 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 certified service technicians. If service is not available in your area, we offer a repair and return policy that is second to none.

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 productivity, improving quality, lowering operating costs, and enhancing job site safety.

Our goal is full positioning integration from field-to-office. If you are ready for the next level, it’s time to turn to Topcon.

Topcon is the world leader in survey instrumentation.
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Livermore, CA 94550
www.topconpositioning.com

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