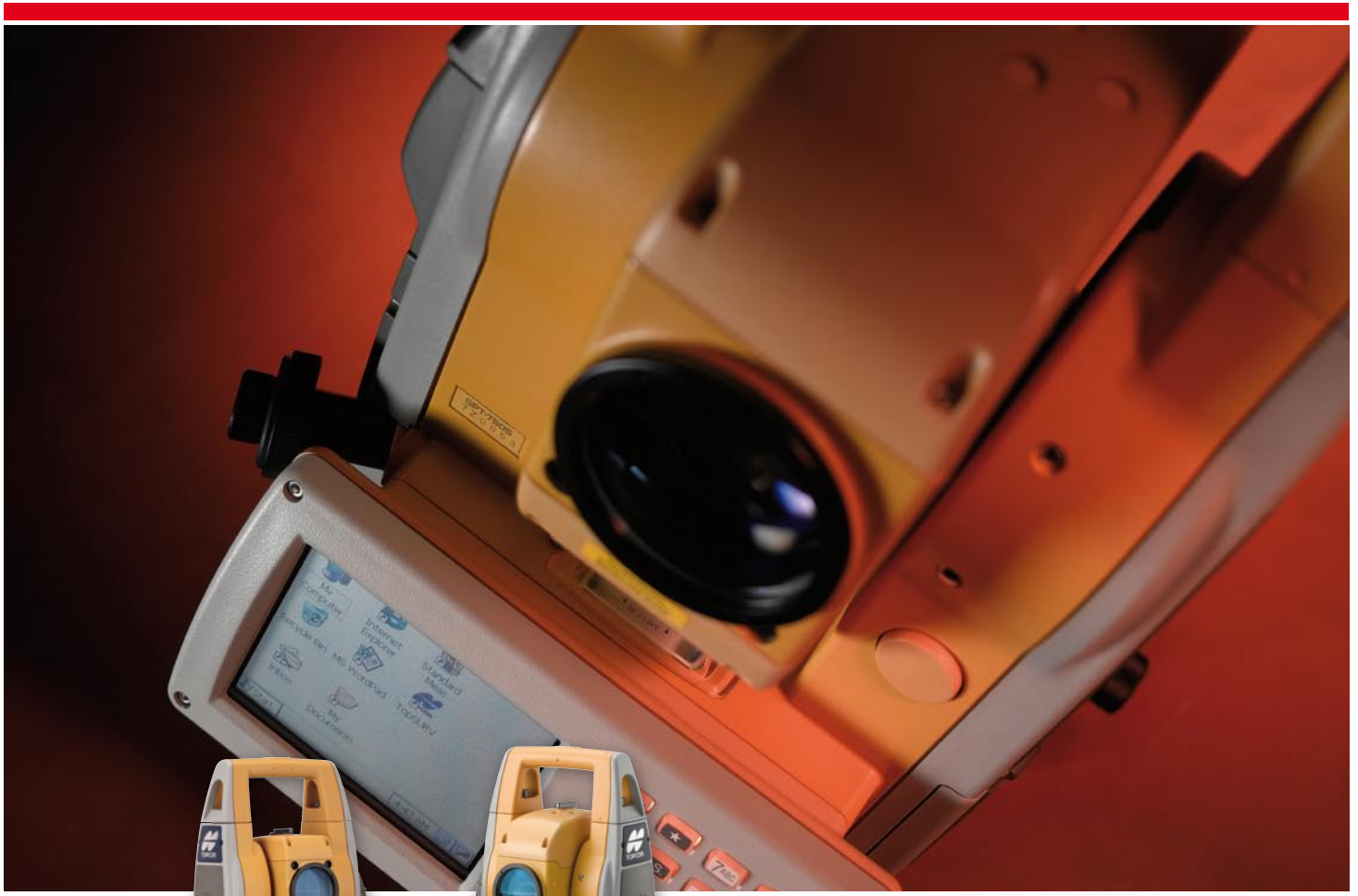


ADVANCED STANDARD AND NON-PRISM TOTAL STATIONS



**Smaller, lighter, faster -
the best solution to
handle any survey job**

- Reflectorless 2000 m
- Backlit keypad and display
- USB Type A and USB mini slots
- Advanced WinCE processor on-board
- High Capacity battery

It's time.

Topcon is the world leader in survey instrumentation, equipping countless surveyors with the most advanced Total Station technology in the industry. 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, imaging, and long range EDM technology.

Now Topcon is pleased to introduce our latest series of advanced Total Stations: the reflectorless GPT-7500 and conventional GTS-750. Both series feature 1, 3, or 5 second accuracy to fit your job and budget. Enjoy the benefits of large QVGA colour LCD screens and backlit keypads on both sides of the unit (1 & 3 second models only).

All models come standard with a 400 Mhz processor and Windows® CE operating system, and increased battery capacity (5000 mAh). 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: 2000 m. 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 into dangerous terrain or high traffic situations. Take shots of areas that are difficult or impossible to access from a safe distance. Using a Class 1 laser for distance measurement, safety is guaranteed.

Smaller and lighter, it's easy to take into the field, set-up, and move to finish the job quickly and with less hassle. With GTS-750/ GPT-7500, take shots faster with less waiting time. Just point at the prism and shoot.

Smaller, lighter, and faster, the GPT-7500/ GTS-750 Total Stations are setting the new standard by which all total stations will be measured.

Topcon. It's time.

Advanced features, durable construction – standard or reflectorless, Topcon's GPT-7500/GTS-750 Series



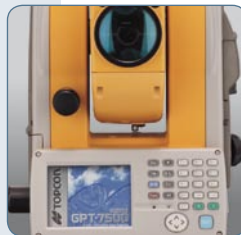
Connectivity

- Expand on-board memory or move files using Compact Flash memory cards
- Upload or download data directly to a PC in the field or office using USB sticks/flashdrives
- Use the mini USB port to connect to activesync



Visibly Different

- Dual backlit full keypad (1" & 3" models only, 5" model single side)
- Smaller, lightweight design and rugged construction for ease of transport and durability
- Rechargeable batteries provide increased operating times



On-board Win.CE operating System

- PIN code security
- Familiar Windows interface
- Email / Internet access
- Install third party software



TopSURV on-board

- User-friendly, powerful software
- Unlimited number of jobs
- Unlimited points memory
- Colour map view
- Import/Export DXF/DGN CAD files
- AutoCad Layering compatible
- Quick stakeout from map

World's Longest Range Reflectorless EDM (GPT-7500 only)

- Most powerful reflectorless EDM available (2000 m)
- 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.



- | | | | |
|---|---|----------------------------------|------------------------------------|
| 1 Integrated, removeable handle | 4 Vertical Angle Lock and Adjustment | 7 Quick Sight | 9 Optical Plummet |
| 2 Point Guide | 5 Horizontal Angle Lock and Adjustment | 8 Compact Flash card slot | 10 USB A and mini connector |
| 3 Removable Rechargeable Battery | 6 Dual front and back color LCD and full keypad* | | |

* 1" & 3" models only, 5" single side

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

Whatever the job or budget, there is a Total Station for you. Both the Series 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:

- Battery BT-65Q / Battery Charger BC-30
- Plumb bomb set
- Instruction Manual
- Plastic Rain Cover
- Tool Kit
- Carrying Case
- Stylus Pen
- USB Cable F-25
- Display Protection Sheet



It's time.

The Leader in Positioning Technology ...

Your authorized Topcon dealer has the answer for all of your precise positioning needs. Whether you're looking for precision GPS+ control for surveying and engineering applications or setout and grade management on a construction job site, your local Topcon dealer offers the widest range of products to get the job done quickly and accurately.

And don't forget, Topcon also offers the industry's easiest-to-use GPS+ machine control systems. Capable of working as an indicate-only system or fully automatic grade control, Topcon offers systems to automate your motorgrader, paver, profiler, dozer, excavator, or ag/land leveling machines.



There's only one company that offers you all of the positioning tools to keep you competitive in today's market.

The Leader in Customer Satisfaction ...

To ensure that your Topcon system maintains peak performance, your local Topcon partner offers factory trained and certified service technicians.

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Specifications subject to change without notice
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SPECIFICATIONS

	GPT-7501/GTS-751	GPT-7503/GTS-753	GPT-7500/ GTS-755
ANGLE MEASUREMENT			
Accuracy	1"	3"	5"
Method	Absolute Reading		
Min. Reading	0.5" / 1"	1" / 5"	1" / 5"
Compensation	Dual Axis		
Compensating Range	±6'		
TELESCOPE			
Magnification	30 x		
Min. Focus Distance	1.3 m		
PRISM MODE DISTANT MEASUREMENT			
1 prism	3000 m	3000 m	3000 m / 2000 m
Accuracy	±(2 mm + 2 ppm x D*) m.s.e.		
NON-PRISM MODE DISTANCE MEASUREMENT (GPT-7500 Series Only)			
	NORMAL MODE	LONG MODE	
Range (Kodak White)	1.5 m - 250 m	5.0 m - 2000 m	
Accuracy:			
- Fine	±(5 mm)	±(10 mm + 10 ppm x D*)	
- Coarse	±(10 mm)	±(20 mm + 10 ppm x D*)	
- Tracking	±(10 mm)	±(100 mm)	
COMPUTER UNIT			
On-Board / Processor	Microsoft Windows® CE.NET 4.2 / Intel PXA255 400MHz		
Memory	RAM: 64 MByte / ROM: 2 Mb(Flash ROM) + 128 Mb(SD Card)		
Displays	Dual	Dual	Single
Screen	320 x 240(QVGA) Color LCD TFT		
INTERFACE			
Card System	CompactFlash Card(Type I/II)		
Ports	Serial RS-232C(6 pin), (2)USB Mini-B + Type A, Bluetooth (optional CF-Card)		
POWER SUPPLY			
Internal battery BT-65Q	Li-Ion removable/rechargeable (standard GTS 1 pcs / GPT 2 pcs)		
Voltage	DC74V		
Capacity	5000 mAh		
Operating Time at 20°C (incl. distance)	GTS-750 Series - 10 hrs (12 hrs angle only) GPT-7500 Series - 6 hrs (12 hrs angle only)		
Recharging Time with BC-30	5 hrs (standard)		



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