

REFLECTORLESS MOTORISED TOTAL STATION



Innovative Technologies

- State-of-the-art servo motor technology
- Reflectorless range up to 2000 m
- Powerful TopSURV onboard software
- "Point-Guide" stake out tool
- Data exchange via USB flash drive

It's time.

Topcon develops total stations with state-of-the-art technologies and provides them to countless surveying and engineering companies world-wide.

Faster, lighter, smaller, longer – these are the features that distinguish the Topcon GPT-9003M. Equipped with state-of-the-art servo motor technology, the GPT-9003M offers an innovative and modern design, which will simplify and speed up your setting out or surveying.

The GPT-9003M features an extremely bright, pin-point laser pointer, angle measurement with an accuracy of 3", a large QVGA LCD touch-screen, and a backlit keyboard. It also includes a 400MHz processor, the Windows CE® operating system and a high battery capacity of 5000mAh.



With two USB ports and a CompactFlash slot it provides virtually unlimited storage capacity and flexible options for up- and downloading.

The GPT-9003M offers reflectorless measurement superior to any other instrument available – capable of precision measurements at a mind-boggling 2000 meters!

The new Topcon GPT-9003M:

- Superior Technology
- Superior Design
- Superior Performance

The new Topcon GPT-9003M – innovative technology and modern design



Connectivity

- CompactFlash slot
- USB and Mini-USB ports
- Serial port



A Visible Difference

- Complete, back-lit keyboard
- Small, light and tough design
- High-capacity battery with extended operating time



Integrated WindowsCE®-operating system

- Easy to use
- Familiar and proven Windows user interface
- Easy installation of third party software
- Protected secured use access via PIN code for safety and anti theft



TopSURV On-Board

- High-performance, user friendly survey software
- Comprehensive computation programs including roading
- Colour map
- Import and export of your CAD files (DXF, DWG, DGN ...)
- Fast stake out directly from the display

Join the high-end class

The Topcon GPT-9003M total station defines an new standard with revolutionary developments and innovative technologies.



Smaller – Lighter – Faster – Longer

The Topcon GPT-9003M total station defines an new standard with revolutionary developments and innovative technologies.



- | | | |
|---|--|---|
| 1 Removable handle | 4 USB ports (Type A and Mini-B) | 7 Motorized coarse- and fine-adjustment |
| 2 CompactFlash slot for easy data exchange | 5 "Point-Guide" stake out tool | 8 Reflectorless EDM with super long range, up to 2000m |
| 3 Bright touch-screen with Windows CE® | 6 Extremely bright, pin-point laser pointer | 9 Ultra-fast servo motor technology |



Reflectorless EDM Technology

- Most powerful reflectorless EDM available
- Super long range, up to 2000m
- Short distances from 1.5 m and up
- Pinpoint accuracy with narrow, focused beam



It's time.

The Leader in Positioning Technology...

Topcon offers positioning products that deliver unparalleled site-wide performance and integration.

Topcon's history of technological advances and our reputation for superior reliability means there's no other company positioned to provide you with a better "Total Positioning Solution."



From survey to inspection Topcon, through our dealer network, provides the innovative technology that gives surveyors, civil engineers, contractors, equipment owners, and operators the competitive edge by addressing such critical issues as increasing profits, quality craftsmanship, improving productivity, lowering operating costs, and enhancing job site safety.

Full positioning integration field-to-finish: That's the goal of Topcon. When it's time for you to step up to the next level, it's time to turn to Topcon.

The Leader in Customer Satisfaction...

To ensure that your Topcon instruments maintain peak performance, your local Topcon dealer offers factory trained and certified service technicians. If service isn't available in your area, our European Service Center offers a repair and return policy second to none.

SPECIFICATIONS

GPT-9003M

ANGLE MEASUREMENT

Method	Absolute Reading
Minimum Reading	0,2 / 1 mgon 1" / 5"
Accuracy	1 mgon / 3"
Tilt Correction	Dual Axis
Compensation Range	±6'

DISTANCE MEASUREMENT

Prism Mode	
– Range 1 / 3 / 9 prism	3000 m / 4000 m / 5000 m
Accuracy	±(2 mm + 2 ppm)
Non-Prism Mode	
– Short Range	1,5 m – 250 m
Accuracy	±5 mm
– Long Range	5,0 m – 2000 m
Accuracy	±(10 mm + 10 ppm)
Laser Class	Class 1 (IEC publication 825)
Laser Pointer	Class 2 (visible red laser dot)

USER INTERFACE

Operating System	Microsoft Windows CE®.NET 4.2
Processor	Intel PXA255 400 MHz
Screen	Full colour touch-screen
Laser Pointer	LD (visible Laser)



Your local authorised Topcon distributor is: