



GPT-3000LW Series

Long Range Reflectorless Total Stations





ISO 9001:200 FM 68448 Topcon, the World Leader in **Positioning Solutions proudly** introduces the most advanced, longest range reflectorless total station available, the new GPT-3000LW Series.

LONGEST REFLECTORLESS RANGE

Topcon's unique pulse laser technology allows the GPT-3000 series to measure up to 250m in the standard reflectorless mode. and now up to an astonishing 1200m in the new Long Range mode! Topcon has developed this advanced technology to give you the best reflectorless performance with complete safety and confidence. The Class 1 laser is safe to use around populated areas or heavy traffic.

The new Topcon 3000LW series measures nearly four times farther than any other competitive total station, once again demonstrating the technology advantages that Topcon offers.

DUAL LASER OPTICS

Topcon's GPT-3000 uses a dual laser optics system, one narrow beam for non-prism functions, and a broader beam when using a prism. This stabilizes the beam over long distances providing accurate measurement, even in adverse atmospheric conditions such as heat shimmer.

BLUETOOTH WIRELESS COMMUNICATION

Topcon is the first manufacturer to offer Bluetooth wireless technology for electronic total stations. This unique technology eliminates the hassles of broken data collector cables, and struggling with office cable connections.

Both systems offer a

fast 400MHz Intel

TOPCON FIELD CONTROLLERS

Topcon also offers two different field controller options - our new FC-100 for a compact system, and the new FC-2000 for a full keyboard option.



processor and a bright full-color touchscreen running the popular Windows CE® platform.

> 'TOPCON www.topcon.com 7400 National Dr.

> > Livermore, CA 94551

GPT-7000i

Total Station with

imaging technology

Phone: (925) 245-8300

GPT-3000LW Quick Specifications:

2"

1"/5"

Dual

MODELS

ANGLE MEASUREMENT

Angle Accuracy Angle Reading Method Compensation

TELESCOPE

Length **Objective Diameter** Magnification Image Field of View Min. Focus Distance

DISTANCE MEASUREMENT

STANDARD:

Measurement Range (1 prism) Measurement Accuracy Measurement time Fine Coarse Tracking

REFLECTORLESS:

Measurement Range (Kodak White) Long Mode: Normal Mode: Measurement Accuracy <25m Measurement Accuracy 25-1200m Measurement time Fine Coarse Tracking

DISPLAY

Screen Type **Display Unit** Dual

POWER SPECIFICATIONS

OPERATING TIME – SINGLE BATTERY Including EDM measurement Angle measurement only Recharge Time Battery Type

PHYSICAL SPECIFICATIONS

Wireless Connection Point Guide Laser Plummet Laser Pointer Weight (w/battery) Waterproof Protection **Temperature Range**

YES, Bluetooth YES YES YES 11.4 lbs.

-4 to +122 F

5" 7" 1"/5" 5"/10" Absolute Reading Dual Single

150mm 45mm (EDM 50mm) 30x Erect 1deg 30min 1.3m (4.29 ft)

3002LW 3003LW 3005LW 3007LW

3"

1"/5"

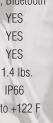
Dual

3,000m (9,000ft) 3mm+2ppm Approx 1.2 Sec (Init 3 sec.) Approx 0.5 Sec (Init 2.5 sec.) Approx 0.3 Sec (Init 2.5 sec.)

1,200m (3,900ft) 250m (820ft) +10mm +5mm Approx 1.2 Sec (Init 3 sec.) Approx 0.5 Sec (Init 2.5 sec.) Approx 0.3 Sec (Init 2.5 sec.)

Graphics LCD 160x64 Dots with backlight Dual Dual Single

> 3.2 Hours 45 hours 1.8 Hours NiMH



HiPer Lite+ Cable-free GPS+ RTK system



FC-100

Rugged Window CE[®] Field Computer