

GTS-230W Series

bluetooth wireless

GTS-233W
GTS-235W
GTS-236W
GTS-239W



Topcon's GTS-230W Series are the World's First electronic total stations to feature wireless operation! Each model in this versatile lineup can handle all surveying and construction total station needs at a remarkably low price. Four levels of angular accuracy are available to suit any application. And the rugged, waterproof/dustproof design, (IP-66), will stand up to the harshest construction site environment.

GTS-230W Series Features:

- World's first wireless total station (no cable from instrument to data collector)
- Large, easy-to-read screen
- Expanded keyboard

Like Topcon's GTS-220 Series, the GTS-230W Series is loaded with standard features including a long life 10 hour NiMH battery, a "Point Guide Feature" to allow fast alignment in staking tasks, and a laser plummet to help make setup fast and easy. Even wireless operation is standard with the GTS-230W Series, so you don't have to worry about messy cables slowing you down!



Accessories:
51730 BT-52QA NiMH battery pack
60347 BC-27BR 110V charger
60381 FC-100 128mb BT with TopSurv TS

specifications

Telescope

Length 150 Millimeters
Objective Lens Diameter 45mm(EDM:50mm)
Magnification 30x
Image Erect
Field of View 1° 30'
Resolve Power 2.5"
Min. Focus Distance 1.3 meters

Measurement Range

1 Prism 9900 ft, 3000 meters
3 Prism 4000 meters
9 Prism 5000 meters

Measuring Accuracy

Prism Mode ±(2mm+2ppmxD") m.s.e. fine
Minimum reading 1mm(0.005ft.)/0.2mm(0.001ft.) fine
Measurement time 2.8 sec/ 1.2 sec.(Initial 4.0 sec.) fine

Angle Measurement

Method Absolute
Detection 2 sides horizontal, 1 side vertical
Minimum reading 1"/5" arc sec, 0.2/1 mgon
Accuracy 3" to 9" (see models)
Diameter of Circle 71 Millimeters

Tilt Correction

Type Dual Axis
Compensating Range ±3'
Correction Unit 1" arc sec, 0.1 mgon

Computer Unit

Interface RS-232C(6 pin) Serial, Bluetooth wireless

Environmental

Circular level sensitivity 10' /2mm
Plate level sensitivity 30' /2mm
Optical Plummet 3x Magnification
Laser Plummet LD (Visible Laser) light source, 633nm
Dimensions (HxWxL) 13.2 (H) x 7.2 (W) x 6.9 (L) inches
Instrument Weight (with battery) 10.8 pounds, 5.2 kg
Dust/Water Protection IP66 rating
Operating Temperature -20° to +50° C, -4° to +122° F

Power

Source BT-52QA
Output Voltage DC7.2 Volts
Capacity 2700 mAh
approximate battery life 10 hours including distance measurement, 45 hours Angle measurement only

Battery Charger

ID BC-27BR
Recharging time 1.8 Hours
Operating temperature 0° to +40° Celsius, 32° to 104° Fahrenheit

TOTAL STATIONS



Topografía México