OS-200 Series



Visualize and command your projects

Take charge of sites with a professional-grade, compact total station. The OS-200 boasts a color touchscreen interface and delivers world-class accuracy and productive workflows. With the latest total station technology and an IP65 dust and rain-proof exterior, the OS can handle whatever you need to accomplish. This instrument is built for on-the-go tasks with a far reaching, high-precision EDM and extended battery life. The OS is your solution for maximum manual total station performance.

- Fast and accurate surveying and staking
- Modern, intuitive onboard MAGNET® Field software
- Color touchscreen display
- Convenient EDM trigger key
- Available in multiple accuracy models

MEASURING RANGE	
Accuracy	1”, 2”, 3”, 5” (0.3, 0.6, 1.0, 1.5) mgon
Prism-2 EDM range	6,000 m (19,685 ft.)*
Prism EDM accuracy	1.5 mm (0.005 ft.) + 2 ppm
Non-prism range	Up to 1,000 m (3,280 ft.)
Non-prism accuracy	2 mm (0.0065 ft.) + 2 ppm*
Dual-axis compensator (Tilt)	±6’ (±0.11 gon)
DATA MANAGEMENT	
Operating system	Windows Embedded Compact 7
Data storage	Internal: 1 GB USB: Up to 32GB
Interface	RS-232C, USB 2.0 (Type A and mini B)
Bluetooth™	Yes
HARDWARE	
Guide Light	LED (Red 626nm, Green 524nm)
Display	Color 3.5 inch QVGA TFT LCD
Ingress protection	IP65 (IEC 60529:2001)
Operating temperature	Standard models: -20 to +60°C (-4 to +140°F) Low temp. models: -30 to +50°C (-22 to +122°F)
Dimensions (W x D x H)	Two displays: 191 x 190 x 348 mm One display (5” model): 191 x 174 x 348 mm
Weight with battery & tribrach	5.7 kg (12.3 lb.)
Laser plummet	Optional
POWER	
Power source	BDC72 Li-ion (5,986 mAh)
Operating time (20°C)	~ 20 hours

*Refer to operator’s manual for more information

Specifications subject to change without notice.
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