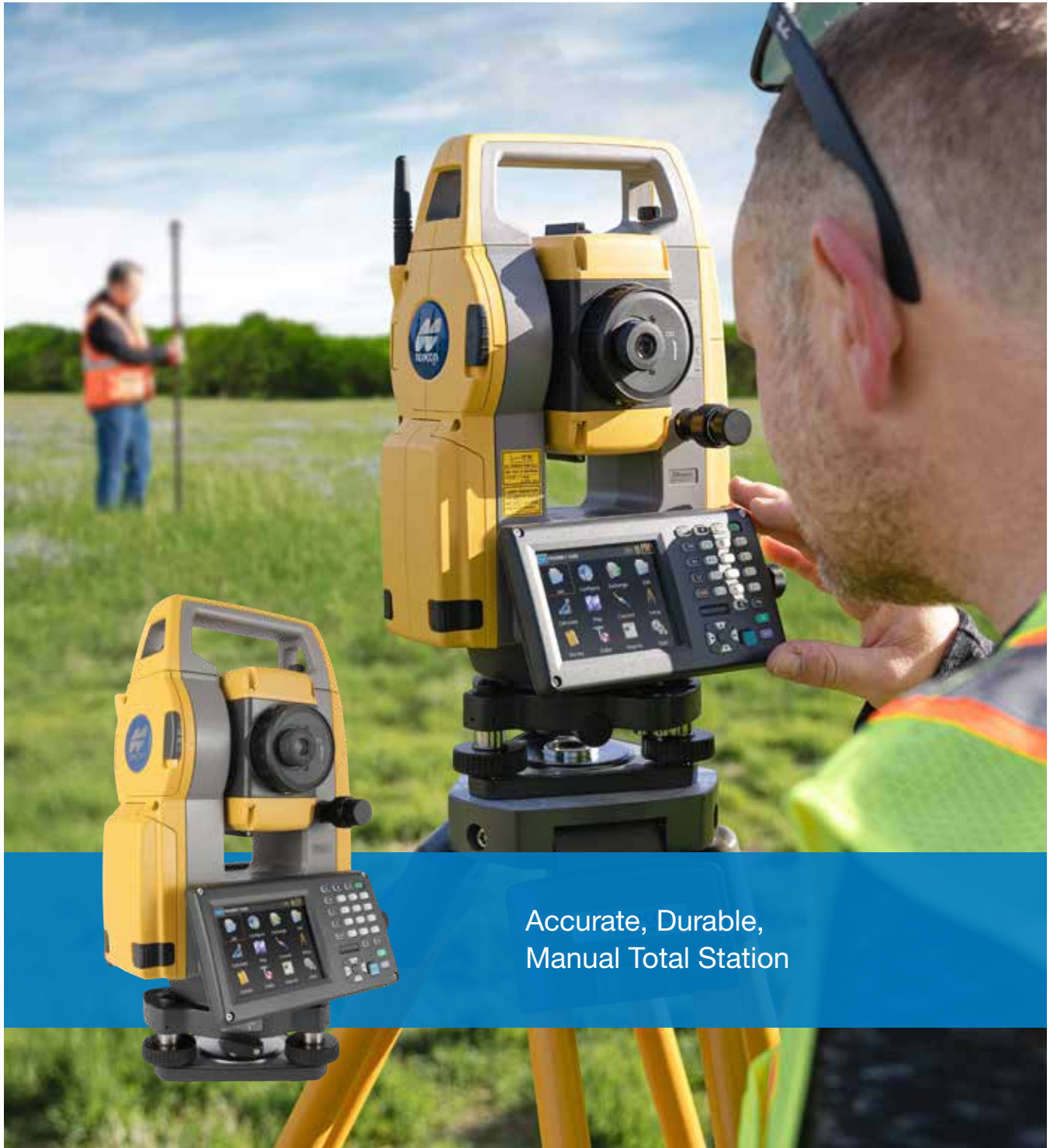


Manual Total Station

OS-200 Series



Accurate, Durable,
Manual Total Station

Manual Total Station

OS-200 Series

OS Series total stations – advanced design with superior technology

The OS is a professional grade compact total station. This advanced design provides an on-board data collection interface and an incredibly powerful EDM.

Work directly on the bright, color touchscreen, or with the alpha-numeric keyboard, to achieve higher levels of production with MAGNET® Field on-board software. The OS total station can be used on a wide variety of applications, from building layout to earthwork volumes, and land surveying.

On-board Windows touchscreen

Running on-board software on the Windows® touchscreen computer increases productivity. The screen is large and bright, so the user can see more software functions and intuitively interact with the screen where needed. Software applications become easier to use and there is no need to hold a field controller in one hand while turning the instrument with the other. The OS has precise tangent locks to keep the angle positions accurate even with touchscreen and keyboard interaction.

Fast and accurate surveying and staking

Intuitive on-board MAGNET Field software

Color touchscreen display

Rugged IP65 dust and rain-proof design

Powerful EDM for rapid, repeatable measurements

Windows operating system





- 1 Rugged IP-65 dust and rain-proof design
- 2 Easy access, environmentally protected USB 2.0 slot (Host + Slave)
- 3 1,000 m non-prism range
- 4 Unique IACS angle encoder system (1" and 2")
- 5 Trigger key
- 6 Electronic leveling system
- 7 Exclusive "STAR-KEY" functionality
- 8 Side-mount, extra long-life battery
- 9 Color LCD touchscreen
- 10 Tangent lock – Securely holds your angle in place

Versatile Solution

Over previous models, the OS-200 total station has a more accurate and longer distance EDM range, an improved power system, a new color display, and a faster boot up speed so that you can get straight to work. The OS-200 measures angles and distances with or without a prism and is available in multiple accuracy versions.





Easy access USB 2.0 memory

- Up to 8 GB storage
- Environmentally protected
- Compatible with industry standard thumb drives



Ultra-powerful, advanced EDM

- 1,000 m non-prism range
- 6,000 m prism range
- Red/Green guidelight
- Coaxial red laser pointer
- Pinpoint, precise beamspot



Advanced angle encoder system

- “Best-in-class” 1” angle accuracy
- Incorporates exclusive IACS on 1” and 2” models (Independent Angle Calibration System)
- Self-calibration
- Proven high accuracy technology



EDM trigger key

- Perfect touch location
- Promotes angle stability
- No torque when measuring on-board
- Water/Dust proof
- Easy for gloved hands



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www.topconpositioning.com/os-series

