DATASHEET

Universal Total Station

THE ALL-IN-ONE, UNIVERSAL TOTAL STATION

The Trimble® SPS730 and SPS930 Universal Total Stations can tackle any measurement, stakeout or machine control task on the job site — all from the same instrument.

Universal Total Stations are packed with market leading features such as:

- Long life integrated batteries for a full day of uninterrupted work
- Bluetooth® for cable free operation
- Choice of Trimble handheld controllers or tablets to suit your site needs
- Intuitive SCS900 Site Controller Software
- Optional machine control mode

These features make Trimble Universal Total Stations easy to use for all your jobsite needs. No matter what job you are doing, Trimble total stations will deliver unmatched user experience, all-around capability and incredible results.

Key Features

Trimble DR Plus Long-Range Reflectorless Measurement

The Trimble DR Plus™ long-range reflectorless measurement capability allows you to measure hard-to-reach or unsafe places up to 2 kilometers (1.2 miles) away. There is no need to walk the surface with a target, so you'll increase productivity and safety when measuring stockpiles, or profiling cuttings and rock faces.

Trimble MultiTrack Technology

Trimble MultiTrack™ technology locks on and tracks passive prisms for monitoring or control measurements and active targets for dynamic measurement, stakeout and grade control. Active targets guarantee lock to the correct target, especially in dusty construction site conditions. Up to 16 unique channels of target identification can be used to differentiate survey crews and grade checkers from machines, eliminating down time caused by unnecessary interference.

Unmatched Dynamic Positioning

Trimble's patented MagDrive™ servo technology utilizes magnetic levitation to eliminate friction. Fast response time and fast servos allow the instrument to change direction, and track more reliably. Trimble Universal Total Stations can provide highly accurate machine guidance for excavation, grading, compaction, milling, and paving projects. Using the same Trimble total station, your machines can work to tight construction tolerances, save expensive materials, avoid rework and get to grade faster.

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SUREPOINT

- Automatically corrects the horizontal and vertical angles and instrument pointing for mislevelment of the instrument
- Means your measurements will be accurate, even if you don't set up the instrument perfectly level

20Hz UPDATE RATE

- Fixed, low latency, synchronized data and a 20 Hz update rate
- Reliably track a machine target and know the data is being passed from the instrument to the machine as quickly and accurately as possible
- The motor grader or dozer operator can conduct real-time fine grading operations to millimeter accuracy while minimizing rework and increasing productivity

3Hz DR SCANNING

- Super fast scanning capability for vertical / sloping profile measurements and stockpile scans
- Significantly reduces the time to measure material stockpile volumes or profile rock faces safely

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