TRIMBLE TOTAL STATIONS

FULL RANGE OF ROBOTIC AND UNIVERSAL TOTAL STATIONS

Keep it accurate, but keep it simple. The Trimble SPS620 and SPS720 Robotic Total Stations are perfect for one-person operation on smaller site operations and work on structures such as bridges or culverts, offering very high accuracy and reliability for construction site positioning, stakeout and measurement.

Trimble SPS Robotic total stations are well suited for use on:

- Smaller construction sites or combined with GNSS on larger sites
- Tasks where the accuracy requirements are tight
- Measuring dangerous or inaccessible locations

No matter what job you are doing, Trimble robotic total stations will deliver unmatched user experience, all-around capability and incredible results, priced for a quick return on investment.

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.

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 downtime caused by unnecessary interference.

Trimble's patented MagDrive™ servo technology utilises 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.

TRIMBLE SX12 SCANNING TOTAL STATION

THE ALL-IN-ONE SURVEY TOTAL STATION AND SCANNER

The Trimble SX12 Scanning Total Station is a state of the art combination of total station and scanner, and the first of its kind on the market. This one instrument enables you to benefit from the same workflows from a robotic total station, but also the high-end 3D laser scanning and imagery functionalities.

Get more done in the field by capturing the entire site through point clouds and images, rather than just individual points of interest. With the SX12 you can get everything you need from a site, and more, in just minutes; saving you hours or days of surveying. With the additional site information from scan data, images and point clouds you can avoid re-work and costly site revisits.

SAVE TIME, MAXIMISE EFFICIENCY

A ROBOTIC TOTAL STATION, AND MORE

Achieve high accuracy and reliability for construction site positioning, stakeout and measurement without the need for a separate device onsite. This powerful combination of high accuracy surveying and 26,600 points-per-second 3D scanning is a game changer.

REACH THE INACCESSIBLE

Rapidly collect millions of points and dozens of photos to effectively capture reality for accurate as-builts in inaccessible locations. A great option for safer surveying and avoiding the hassle and time involved in gathering data from dangerous or difficult to reach locations.

VIVID, EYE-SAFE LASER POINTER

The green laser pointer is exceptionally small, bright, and still eye safe—with auto focus functionality.

WITH THE SX12 YOU CAN:

- Collect millions of points rapidly
- Perform site surveying measurements
- Grade checking for inspection and monitoring
- Safely and efficiently scan road surfaces, intersections, embankments and other structures
- Capture rich, accurate and complete geometrical and visual documentation of as-builts

CAPTURE REALITY

With the video enabled workflow, it is much easier and faster to find yourself if you lose tracking and to zoom in and aim at different points for DR shots. The four built-in, high quality cameras with huge zoom allow you to capture a range of imagery.

- Capture reality with point clouds for accurate as-builts in inaccessible locations
- Geo-reference images of the site to record conditions in real-time
- Live site footage for remote control and monitoring on construction sites
- Eliminate the need for a separate camera on site