

SX Total Station Series



Sokkia, The Netherlands, has released the SX series of robotic total stations with the modern technology contained in a compact, lightweight system. The SX's high-accuracy robotic technology includes an angle measurement system, RED-tech technology, reflectorless EDM, Bluetooth Class 1 long-range data communication, and an auto-tracking system with the RC-PR5 remote control system.

The SX combines these features with MAGNET Field application software and TSshield, a telematics-based communications module with both cellular technology and GPS for positioning, providing laser and image processing technologies for any job site ranging from stakeout or boundary work, to landscape projects or forensics or any project requiring precise 3D positioning.

The SX is cable-free and simple to learn and operate. The fully integrated unit delivers a 1,000-foot working radius through Bluetooth technology. (All SX data is instantly available at the controller.) Reflectorless operation is available up to 1000m, and fast distance measurement can be accomplished with pinpoint precision is less than a second regardless of object.

The SX features Sokkia's original absolute encoders that provide long-term reliability in the most adverse job site conditions. Its dual-axis compensator ensures stable measurements even when set up on uneven terrain.

Other features of the SX series include IP65 dustproof and waterproof rating, USB Type A and mini B ports, plus serial port, 25-key pad control panel with LCD touch screen, standard temperature range from -20 to +50°C and a metal chassis.