

TRIMBLE ST30

SMART TARGET

The ST30 combines two measurement worlds: optical and GNSS positioning into one integrated instrument. Use it as a smart prism with precision optical tracking or activate its built-in GNSS capability for standalone rover-grade measurements. Automatic rod height measurement removes manual steps. One instrument. Both technologies. Unlimited applications.

FEATURES

Improved Active Tracking Accuracy

Trimble GeoLock with Trimble RTX Corrections

Automatic Rod Height

Trimble Inertial Platform (TIP) Tilt-Compensation Measurements

High Accuracy GNSS Measurements

OPTICAL ACCURACY

Horizontal <2mm RMS

Vertical <1mm RMS

GNSS ACCURACY

Horizontal 10mm + 1ppm RMS

Vertical 20mm + 1ppm RMS

AUTOMATIC ROD HEIGHT

Supported Rod Trimble ST Rod Telescoping 1.55m - 2.6m (1.12kg)

Updated Rate 1Hz

Height Measurement 0.6mm RMS

