

Nikon Nivo Total Station Series



Nikon-Trimble has introduced the Nikon Nivo Series, offering Nikon quality optics, performance and reliability, making them ideal for a variety of surveying applications. Nikon-Trimble also introduced the Nikon DTM-322, an economic, prism-based 5" total station that provides a strong value proposition in terms of price performance.

The announcement was made at the Nikon - Spectra Precision Worldwide Distribution Conference in Frankfurt (Germany). The Nikon Nivo Series and Nikon DTM-322 are showcased in Karlsruhe (Germany), at Intergeo 2009, the world's largest conference on geodesy, geoinformatics and land management.

The Nikon Nivo products offer a distance measurement accuracy of up to $\pm (2 + 2 \text{ ppm} \times D)$ mm. The Nikon total stations provide a long-distance reflectorless measurement range of 300 metres (1,000 ft.), reducing the need for multiple set-ups. In addition, the Nikon Nivo Series includes a coaxial laser pointer to assist with target identification and reduce aiming time. The series includes Bluetooth capability to support external communications in the field and a laser plummet for precise product centering.

Featuring an alphanumeric keyboard with large user-definable keys, the Nivo Series provides fast, one-touch access to the functions that are used the most. With this functionality, survey tasks can be performed more quickly and efficiently, allowing surveyors to increase productivity in the field. Meeting IP66 standards with water and dust-proof protection, the Nikon Nivo Series is rugged and can operate in virtually all types of weather. Each product supports two interchangeable, onboard batteries that provide up to 62 hours of continuous measurements.

Nikon Nivo C Series

The Nivo C Series features a Windows CE touchscreen interface. Field application software functions are supported by Spectra Precision Survey Pro field software for surveying and construction measurement needs. Supporting both prism-based and reflectorless technologies, the distance measurements are fast and flexible. All Nivo C Series feature a dual-face display for efficient high-precision angle and distance measurements, cable-free Bluetooth connections to external data collectors, plus support for USB memory sticks, and a high-speed data transfer port. The Nivo C Series is available in 2", 3" and 5" models to meet specific accuracy needs.

Nikon Nivo M Series

The Nivo M Series uses the proven Nikon field user interface that is intuitive and easy to learn and use. Supporting both prism-based and reflectorless technologies, the distance measurements are fast and flexible. The MSR1 & MSR2 keys can be used to separately configure different prism or reflectorless measurement parameters, eliminating time switching between measurement modes. The Nivo M Series field user interface highlights include: a complete set of CoGo and survey stakeout functions, simple data management of files, and quick field coding for convenient one-button data collection of point features and raw target data. The series is available in 2", 3" and 5" models to meet specific accuracy needs.

The new Nikon Nivo M Series is expected to be available in September 2009 and the Nivo C Series is expected to be available in the fourth quarter of 2009 through Nikon - Spectra Precision distributors.

Nikon DTM-322

In addition to the Nikon Nivo Series, Nikon-Trimble introduced the Nikon DTM-322. The Nikon DTM-322 is an economic, versatile, prism-based 5" total station. Nikon's legendary optics effectively allow in more light to give brighter, clearer images even in low-visibility conditions typical in the field. The Nikon DTM-322 is among the fastest total stations in its class.