

New Nikon Total Station



Nikon-Trimble Co., Ltd. has introduced the NPR-302 Series of Nikon Total Stations. Each new model in the series offers Nikon optics, performance and reliability, making them ideal for a variety of surveying applications. The new Nikon products are expected to be available in April 2008 through Nikon - Spectra Precision distributors.

The Nikon NPR-302 Series offers three models, the Nikon NPR-362, NPR-352 and NPR-332 and features 3" and 5" angle accuracy models. The Nikon NPR-302 Series offers a distance measurement accuracy of up to $\pm(2 + 2 \text{ ppm} \times D)$ mm. Nikon uses a patented technology to providing long distance reflectorless measurement range of up to 300 meters (1,000 ft.). As a result, surveyors reduce the need for multiple set-ups by utilizing the flexible measuring techniques of the Nikon NPR-302 Series.

In addition, the series reflectorless technology eliminates the need to focus on the target allowing for faster, more efficient data collection. This makes it possible to measure difficult or dangerous locations even more safely and efficiently. In addition, the coaxial laser pointer assists with target identification which reduces aiming time.

The intuitive and user-friendly onboard software of the Nikon NPR-302 Series offers a wide range of data collection, field coding, Cogo and survey stakeout applications. An ergonomic alphanumeric keyboard, with large user-definable keys, provides fast, one-touch access to the functions which are used the most. Perform surveying tasks quickly and efficiently allows surveyors to increase productivity in the field. The Nikon NPR-302 Series also features a large internal memory. Up to 10,000 records can be stored and a maximum of 32 jobs can be created to manage the data.

The Nikon NPR-302 Series is compact and lightweight, weighing only 5.0 kg (11 lbs.) Meeting IP56 standards with water and dust proof protection, the Nikon NPR-302 Series are rugged and can operate in virtually all types of weather. The single, onboard battery provides up to 16 hours of continuous distance and angle measurements, or 30 hours of service.