

# Reflectorless Total Station Series



Nikon-Trimble has introduced today the NPR-302 Series of Nikon Total Stations - high precision, long-range reflectorless mechanical total stations with laser pointers. Each new model in the series offers Nikon optics.

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. The Nikon total stations use a patented technology to providing long distance reflectorless measurement range of up to 300 metres. In addition, the 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 more safely and efficiently. In addition, the coaxial

laser pointer assists with target identification which reduces aiming time.

The intuitive 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. With this functionality, survey tasks can be performed more quickly and efficiently allowing 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 are compact and lightweight, weighing 5.0kg. Meeting IP56 standards with water and dust proof protection, the Nikon NPR-302 Series are also 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.