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PRODUCT UPDATE

Release Date : 6 Feb 2008

SOKKIA Introduces NET05 Automated 3D Station

SOKKIA is proud to announce to our distributors that SOKKIA will be launching a new addition to SOKKIA's range of automated 3D Station, **NET05**. With industry's highest accuracy of 0.5" and high environmental protection, **NET05** is the answer to industrial measurement solutions such as deformation monitoring, shipbuilding and general industrial construction.

NET05 incorporates the latest total station technologies - auto-pointing, auto-tracking, reflectorless measurement and wireless control to greatly increase efficiency in a wider range of applications. The 3D Station can automatically search and point to prisms and reflective sheets with an auto-pointing range of up to 1,000m (3,280ft.) using prisms. A dedicated auto-pointing algorithm allows it to accurately sight the target closest to the telescope center, even if multiple prisms and other reflective objects are in the telescope's field of view. This new algorism is indispensable for automatic deformation monitoring applications where the fixed targets are repeatedly measured in pre-determined intervals.

NET05 has 0.5" angle accuracy. The minimum display resolutions are 0.5" and 0.0001m/0.001ft. SOKKIA's advanced phase-comparison method EDM realises a high distance accuracy of (0.5 + 1ppm x D) mm with reflective sheets, (1 + 1ppm x D) mm with reflectorless and (0.8 + 1ppm x D) mm using prisms.

Features :

- Remote control with Bluetooth® Wireless Technology
- Four different measurement modes : Manual; Tracking / Auto-tracking; Seeking / Auto-pointing; Scanning
- Ease of use with Windows CE and an easy-to-use touch screen
- Built-in target illumination
- Integrated with Spatial Analyzer
- IP64 dust-water protection