

## Nanometer Online Inspection With Nanovea 3D Non-Contact Profilometer

*Crucial applications throughout all industries, which were once inspected with vision and or touch-probe, will now be inspected with the assurance of high speed noncontact nanometer measurement. This is especially critical to batch production with tight tolerance levels which can now be easily monitored to insure quality control via online communication.*

(FV Newswire) February 08, 2010 -- Nanovea 3D Non-Contact [Profilometer](#) will now have optional online capability for automated inspection and report generation. The software advancement allows Nanovea's Profilometer to effortlessly integrate into large or small quality control environments.

With this new feature applications can be automatically scanned and analyzed based on instructions found on a server database. The online inspection feature allows automatic product ID scan with a bar code reader (could also be manually entered in); the product ID is then checked against predefined pass/fail and measurement requirements stored on a company database. The part is automatically measured, and upon completion a report is automatically generated. The report and the pass/fail information is automatically sent back to the server and stored with that part number. Measurement speeds range from 1m/s and 31,000 points/sec with nanometer accuracies. There are various scan types, analysis functions and size options that can be customized to fit applications throughout all industries.

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NANOVEA  
Craig Leising  
949.461.9292