Jerusalem, Israel, February 2008

In-Process Inspection with Multiple Sensors Using the NanoConoprobe

Optimet is glad to announce an enhancement of multiple sensor integration capability. This option is applicable for various Optimet sensors. Based on this enhancement, Optimet recently completed a successful integration of multiple sensors in an in-process inspection solution. This capability enables a simultaneous profile and thickness measurement for high precision on-line inspection using synchronized multiple NanoConoprobe sensors at 3000Hz each.

All sensors operate on one PC in a single software application, using one hub, without requiring any additional hardware. The software DLL permits a different set-up for each or all sensors and simultaneous data acquirement.

A multiple sensor software emulator is available for download from Optimet website [http://www.optimet.com/support/point_sensors.htm]. The multiple sensor emulator enables the user to integrate, simulate and test multiple sensor operation prior to having the actual hardware in hand for a considerable time and cost saver.

In order to simplify the integration, Optimet provides an automatic IP functionality for Optimet sensors. Each sensor has a unique IP address, thus preventing IP clashes between the Ethernet sensors without any special configuration.

This multi sensor enhancement allows Optimet to provide its customers with a wider range of metrological solutions, especially for in-process inspection. Such capabilities include multi profiling 3-D and thickness measurements.

About Optimet
Optimet (Optical Metrology Ltd.) - a member of Ophir Optronics group - is a provider of sophisticated Non-Contact measurement sensors and solutions, with up to sub-micron precision, for distance, 2-D & 3-D measurements. Optimet implements practical application of its unique and patented conoscopic holography technology. Established in 1995, Optimet is a member of the Ophir Optronics group, a world leader in Laser Measurement Instruments, Optical Infra-Red components and lens-assemblies. Sold worldwide, Optimet products offer measurement solutions for a wide range of markets, among which are the Automotive, Aerospace, Dental CAD/CAM, Steel and Micro-Electronics. Optimet solutions and sensors are used for in-process inspection, quality control and reverse engineering applications. Optimet is ISO9001-2000 certified.