



Precision 3D Inspection, Winter Conference, Frankfurt 2010

Frankfurt, Germany, November 30, 2010, Optimet held a successful 3D Precision Measurement and Inspection Conference dedicated to innovative industrial inspection systems based on Conoscopic Holography technology with participants from Europe, USA, India and Asia Pacific.

Continuing a series of seminars and symposiums initiated in the first half of the year, Optimet presented 2 new product concepts which are planned to be launched in 2011, the Conoscan 4000 and Conoline LS 2.0, both based on Optimet's unique conoscopic holography technology.

Along a hands-on session, **The Conoscan 4000**, a high accuracy metrology measurement and inspection system for complex and precise objects, was presented. The system, which reaches down to submicron precision, will be provided with surface and 3D analysis software. The **Conoline LS 2.0** is a high speed long standoff profile sensor for steel deformations and small cracks inspection in harsh environments.

Professor Ignacio Alvarez, University of Oviedo, Spain, closed the conference with the main lecture, a dissertation on the use of conoscopic holography technology in a 3D on-line inspection system for objects at temperatures of over 1000°C. Professor Alvarez reviewed the inspection solution in conjunction with vision inspection technology. The lecture was summed with the advancements of the Conoline LS 2.0 and the new applications now possible with this high speed system operating at 300 frames /sec.

Yitzhak Daniel, C.E.O, stated: "Optimet's development and implementation of the latest technologies are part of the technological backbone on-going development by the company's strong R&D team, in close cooperation with its partners. These developments are also a basis of the new product line for industrial and medical 3D applications."

About Optimet: *Optimet (Optical Metrology Ltd.), 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 is a member of the Ophir Optronics group, a world leader in Laser Measurement Instruments and Optical Infra-Red lens-assemblies. Optimet 3D products and solutions are used for in-process inspection, quality control and reverse engineering in Automotive, Aerospace, Dental CAD/CAM, Steel, LCD in-process inspection industries.*