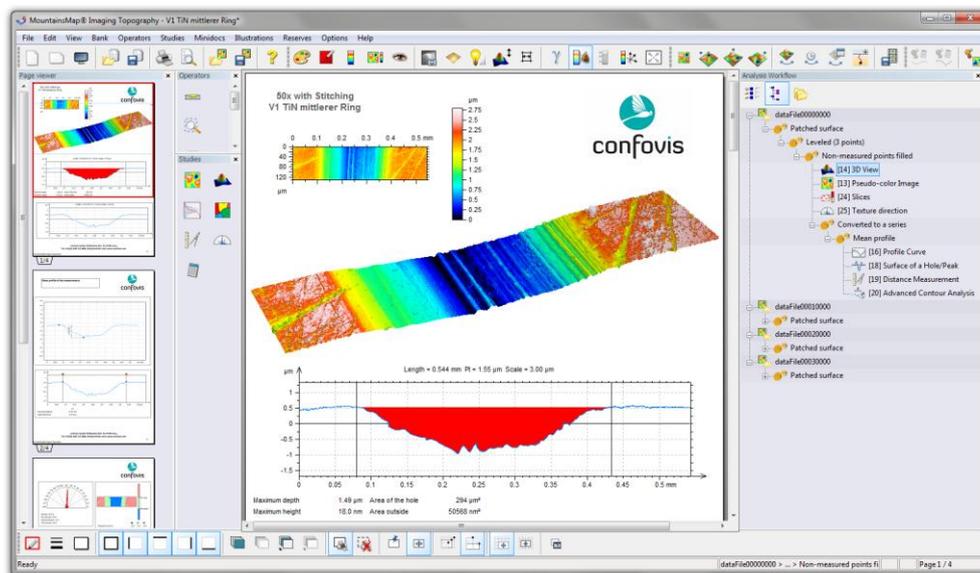




MountainsMap® imaging and analysis software for Confovis's ConfoCam LED grid-confocal systems

Automated visual surface metrology reports

Jena, Germany and Besançon, France – 8 March 2012. Confovis and Digital Surf announced that MountainsMap® imaging and surface analysis software based upon Digital Surf's industry-standard Mountains Technology® will be supplied with Confovis's ConfoCAM LED grid-confocal measuring systems for industrial quality inspection and research.



MountainsMap® imaging and surface analysis software provides real-time 3D imaging, integrates the latest surface metrology standards and methods, and includes easy to use tools for generating quality reports automatically.

Based on patented structured illumination technology with no mechanical moving parts, and with high axial (Z) resolution down to 1 nm, ConfoCAM LED grid-confocal measuring systems are fast, compact and robust. This means that they are ideal for industrial applications where speed is essential and for use in challenging environments. They can replace more costly and complex confocal technology for most applications including inspection of semiconductors, solar cells, flat panel displays, lens, medical devices, precision components after milling and grinding, optoelectronics components, MEMS, coatings and polymer surfaces, microfluidic chips, fabrics and textiles, composites and ceramics, and bullets (forensics).

MountainsMap® imaging and surface analysis software provides a comprehensive and modular solution for visualizing 3D surface topography in real time and for analyzing surface texture and geometry. The software integrates the latest surface metrology standards and methods, for example ISO 25178 3D parameters and ISO 16610 advanced filtering techniques. Full metrological traceability is assured because every analysis step is recorded in a hierarchical analysis workflow and series of measurement data sets can be analyzed automatically using a workflow as a template. Universal ASCII data export means that numerical results can be exported in Excel-compatible text files for interfacing with third-party systems.

"The integration of MountainsMap® with our ConfoCAM LED grid-confocal measuring systems provides Confovis customers with industry-leading imaging and surface analysis software that is user-friendly, generates clear measurement and analysis reports automatically, and supports a wide range of file formats and export options," stated Dr. Michael Schwertner, CEO and founder of Confovis.

"The adoption of MountainsMap® software by Confovis is a further confirmation of its suitability for a wide range of surface metrology instrument families," stated François Blateyron, Chief Operating Officer of Digital Surf. "Users of ConfoCAM systems will benefit from an upgrade path to future versions."

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Confovis is a high-tech company working since 2007 in the field of optical surface test- and measurement instrumentation. Confovis develop and manufacture confocal upgrade kits for conventional microscopes, complete surface inspection systems as well as OEM components for industrial applications. Confovis 3D measurement solutions are ideal for semiconductor and flat-panel inspection tasks and to measure micro-geometry, roughness, step heights, micro-texture, thickness of transparent layers and more.

www.confovis.com

Digital Surf, founded in 1989, specializes in providing surface analysis software for all types of surface metrology instrument including 2D and 3D profilometers, optical microscopes and scanning probe microscopes. Imaging and analysis software based on Digital Surf's Mountains Technology® is integrated by leading instrument manufacturers and is used in thousands of laboratories and industrial facilities working in numerous sectors including aerospace, automotive, cosmetics, energy, MEMS, materials research, medical, metallurgy, nanostructures, optics, paper, PCB, plastics, polymers, printing, semiconductor, etc.

www.digitalsurf.com

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