

FocalSpec and Digital Surf team up to launch **new FocalSpec Map** software

Including dedicated tools for surface texture analysis in quality control

Oulu, Finland & Besançon, France: Finnish high-tech company FocalSpec, specialized in devices for fast surface measurement and on-line testing of challenging materials and shapes, and Digital Surf, global provider of Mountains® surface analysis software solutions, have teamed up to release **FocalSpec Map**, a cutting-edge software package bringing a whole new set of tools to users of the Finnish company's innovative Line Confocal Imaging (LCI) technology.



FocalSpec's 3D Line Confocal Scanner UULA

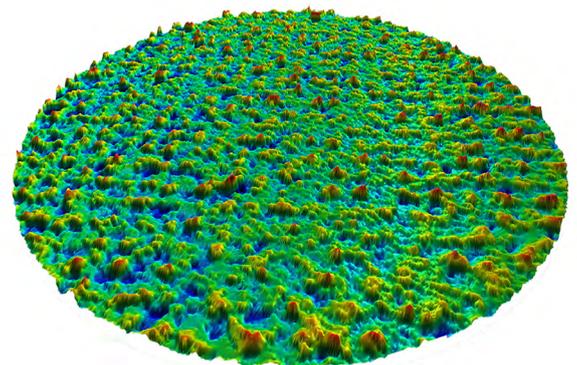
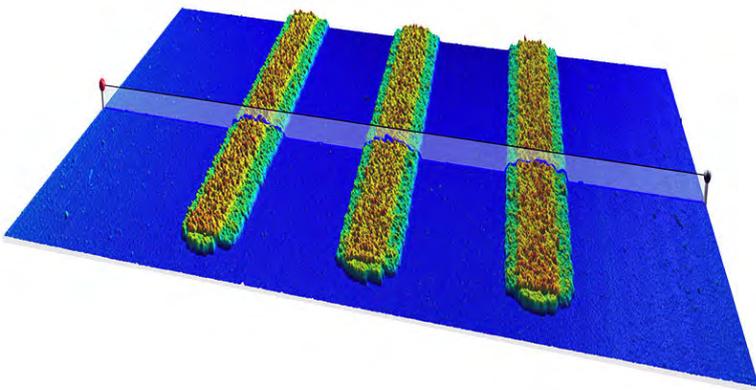
Customers in a wide range of industries (consumer and mobile electronics, plastics and medical devices to name but a few) now have the ability to visualize, analyze and report on measured surface data in greater depth than ever before.

The following are just some of the tools made available in FocalSpec Map:

- **Characterization of surface roughness and texture** – advanced roughness/waviness filtering techniques – 2D and 3D parameters from Ra to ISO 25178.
- **Surface geometry analysis** - including volume of surface structures (bumps, holes), step heights, contour, etc.
- **Productivity** - quick & easy report generation - analysis routines can be saved as templates and re-applied to batches.
- **Automated statistical analysis** of multiple static and dynamic data populations and process capability evaluation.

Available in 11 different languages, FocalSpec Map provides a **user-friendly ribbon interface** and contextual tabs with intuitive icon-based tools. The interactive workflow allows full traceability and easy fine-tuning at any time.

Analysis reports can be exported in standard formats for publication (Excel, PDF and Word-compatible RTF). All images can be output at up to 1200 dpi for integration into posters and presentations.



Printed biosensor analyzed using FocalSpec Map software.
3D view of profile extractions for step-height measurement (left) and roughness inspection (right).



Based in Oulu, in Northern Finland, FocalSpec provides unique on-line measuring solutions to businesses from Silicon Valley to Singapore in a variety of industries including electronics, medical devices & metal.

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Digital Surf is the editor of Mountains® surface metrology and analysis software for profilers and microscopes, integrated by leading instrument manufacturers worldwide.

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