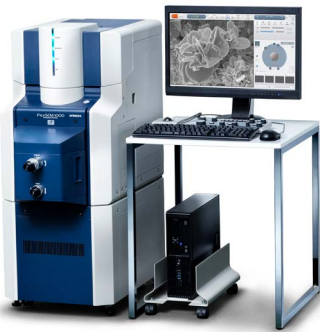


# Hitachi High-Technologies and Digital Surf announce **new Hitachi map 3D software**

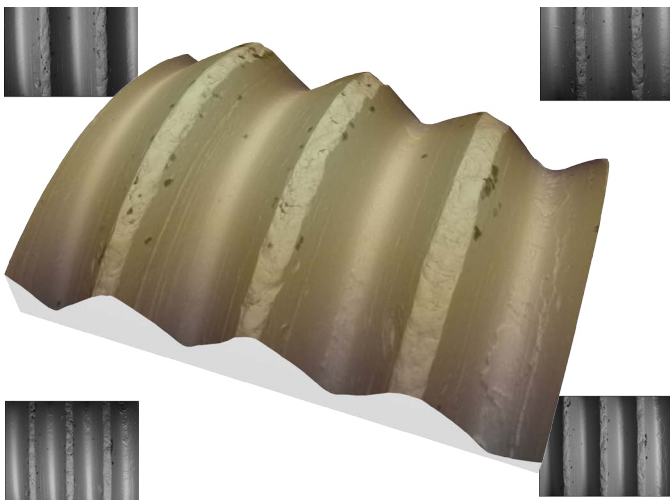
Dedicated software for Scanning Electron Microscope users

Tokyo, Japan & Besançon, France: the release of new **Hitachi map 3D software** based on Mountains® Technology opens up a new world of opportunities for researchers and industrial engineers using Hitachi High-Technologies' cutting-edge scanning electron microscopy (SEM) systems.

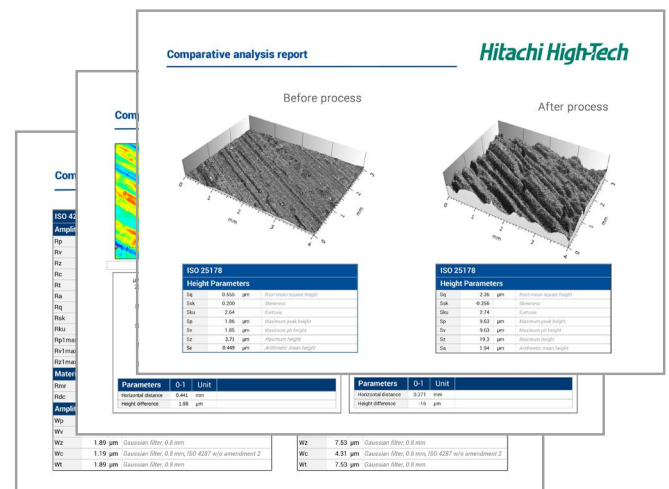


Thanks to the partnership between Hitachi High-Technologies and Digital Surf, users now have full access to a set of powerful tools for visualizing, analysing and reporting on their data. This includes:

- **Ultrafast 3D reconstruction of surface topography**
- **Image colorization and enhancement**
- **Topography measurements** including the volume of surface structures (bumps, holes), step heights, contour etc.
- **Characterization of surface roughness and texture** – advanced roughness/waviness filtering techniques – 2D and 3D parameters from Ra to ISO 25178.



3D reconstruction from four SEM images  
Screw thread



Quick and easy report publication  
Comparing metal processing

Available in 11 different languages, Hitachi map 3D also offers **easy-to-use automation tools** to speed up analysis. The interactive workflow allows full traceability and easy fine-tuning at any time in the analysis process.

**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.

## Hitachi High-Tech

Hitachi High-Technologies Corporation is engaged in activities in a broad range of fields, including Science & Medical Systems, Electronic Device Systems, Industrial Systems and Advanced Industrial Products.

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## Digital Surf

Surface Intelligence

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

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