

Three-dimensional model display and measurement software Hitachi map 3D

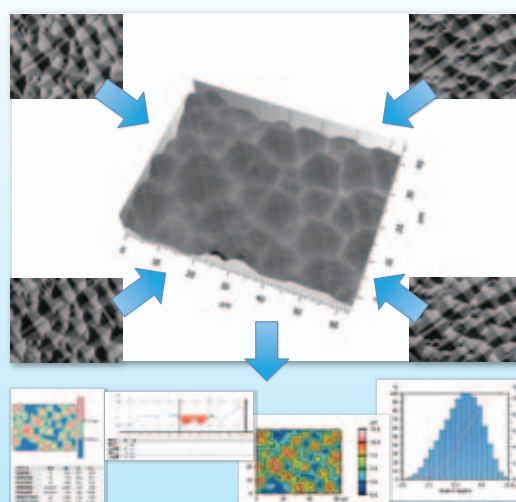
Hitachi map 3D is a measurement and three-dimensional model display software package designed for the use with Hitachi SEM images.



Feature

- Three-dimensional images can be generated without sample tilting and image shift.
- Z distance between 2 points roughness can be measured from a customized line profile and also calibrated for higher accuracy.
- Traceability can be established thanks to the execution process from image capture to report output can be displayed and verified.

Various three-dimensional models can be constructed from captured SEM images and further measurements can be available.



Hitachi map 3D description.

Application

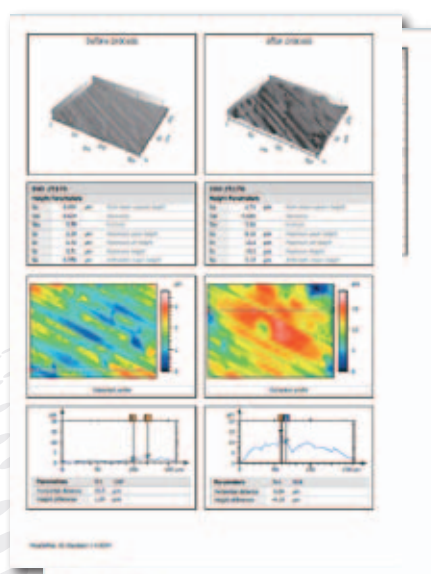
- Comparison of alloy surface before and after the process.

3D image

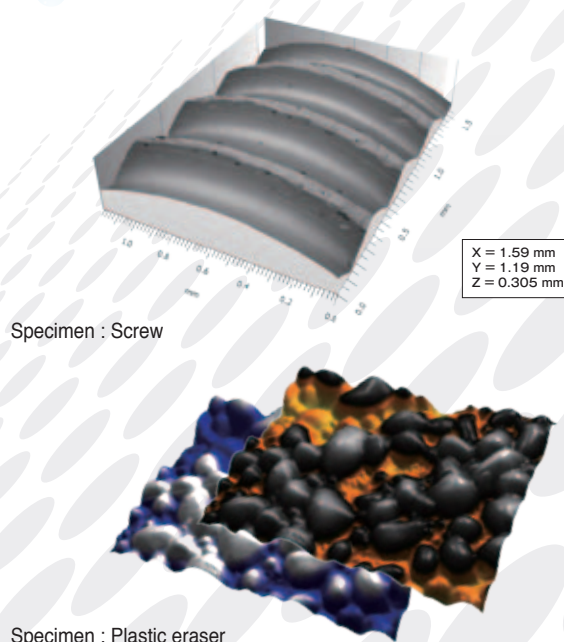
Surface roughness measurement

TOPO image

Height measurement
On the extracted
Cross section



- Various 3D display function.



Specimen : Plastic eraser