OptiTopo Expert software
Add valuable functionality to L&W OptiTopo

The advanced OptiTopo Expert software from Innventia turns L&W OptiTopo into a powerful R&D tool. The application field can be greatly extended with more detailed results and images.

Additional features in the Expert version

- More detailed results
- Flexible filtering settings
- Auto generated Excel™ & Word™ result files
- Images of the surface, height and craters

L&W OptiTopo

PC and advanced software

PC attached to the instrument. The PC is equipped with the advanced OptiTopo Expert software, Word and Excel

The Expert version can be used to answer:

- How do the surface defects look like?
- Why did we get a customer complaint from this sample?
- In which way does my new product differ from my old? Detailed fingerprint features of the surface roughness can be obtained.
- How should the surface of my product look like to ensure the desired print quality level?
- Can I fine-tune the filtering settings to find craters or hills that are potentially dangerous to reach my desired print quality level?

The surface roughness measurement technique OptiTopo was developed by Innventia. The technique is unique and quickly reveals the correlation between paper surface and print defects. It is used in L&W OptiTopo, developed by Lorentzen & Wettre.

The OptiTopo Expert version can either be ordered at the same time as the purchase of L&W OptiTopo or added afterwards.
“A picture is worth a thousand words”

It is difficult to describe everything with numbers, but combined with images you get a better understanding of the relationship between the paper/board surface and the print quality. The OptiTopo Expert software offers the following images:

The surface as a gradient image. A stripy pattern is observed. Image areas: 16x16 mm

The height map colour scaled in microns. The image has been filtered to remove irrelevant large scale variation

A variable depth threshold is used to find the relevant structure defects (red outlines)

More detailed results

The fingerprint of the detailed surface roughness in the fine, medium and large scales:

Additional features:
- A tool to plot height profiles
- Very detailed surface variation (spectra) revealing periodic variation like wire marks.

For more information and prices contact

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