

DOMAS^{multispec} - Modern image analysis

for the paper industry



DOMAS^{multispec} is a modern modular image analysis system, that can record, process and analyse multispectral data, recorded using a scanner or camera, to supplement optical images. At the moment available are formation measurement and NIR chemical imaging; more modules are to be underway.

Unique functions

- Utilising additional segments of the electromagnetic spectrum combined with novel image recording devices makes analyses of material samples possible from previously unknown perspectives.
- The fusion of image analysis data with chemical information creates entirely new possibilities for evaluation.
- Orientating the system towards fibre-based materials, multi-layers and composite materials also provide additional applications in related industries (textile, wood).
- Designed as an open image analysis platform, DOMAS^{multispec} is an ideal basis for partners to develop other applications.

Unique advantages

- Modular analysis of important properties of fibre-based materials.
- Measurement series can now be processed simultaneously.
- Integrated presentation of results and creation of reports.
- The system has been adapted to modern 64bit MS-Windows operating systems.
- Easy integration of new hardware from sensor developers.
- Fast and easy use of new analytical procedures from measuring system.
- Market leader with More than 200 applications in many different sectors of the paper manufacturing and converting industries worldwide.

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