Stand Alone

Art. No. S24100

①

DOMAS multispec

Modular image analysis system for the paper and printing industry

For:

✓ **PAPER**

✓ ProbeNet-capable
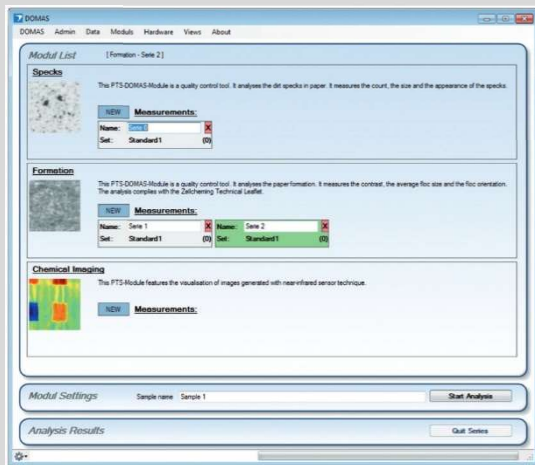
The start-up screen of DOMAS multispec presents the proven modularity of the system

For analyzing:

- Dirt specks
- Stickies
- Sheet formation
- Blackening
- Pin-holes
- Structures
- Coverage

- Pitting
- Bleeding & wicking
- Mottling
- Missing dots
- Heliotest
- Chemical imaging

MOST IMPORTANT BENEFITS:

✓ **Easy to use (results after three mouse clicks)**

✓ **Standard compliance with (ISO, Tappi, INGEDE)**

✓ **Individual measurement parameters**

✓ **Regular updates**

✓ **Online support via Teamviewer**

✓ **Open interfaces with enterprise data systems**

FRANK-PTI
QUALITY TESTING INSTRUMENTS

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PRODUCT DESCRIPTION

The Domas scanner system is a modern device for image analysis, which was developed specially for the paper industry by PTS Heidenau. It consists of a high-definition scanner with reflected light and transmitted light unit, and a separate PC. To ensure correct measurements, the scanner is pre-calibrated by PTS Heidenau. Exact adjustment is carried out with a calibration sheet supplied with the device. The pre-installed analysis software makes possible the automatic and flexible analysis by the preselected module. The user modules can be extended according to requirements.

TEST DESCRIPTION

The round or rectangular sample is placed on the scanner. With the help of the analysis software these are evaluated. During this process, every parameter of the image acquisition and analysis can be defined, saved and retrieved at any time. The Domas system is based on a simple push button solution, which makes analysis possible without any knowledge of the system. The measurement results are clearly displayed as an Excel table, which allows further processing of the data.
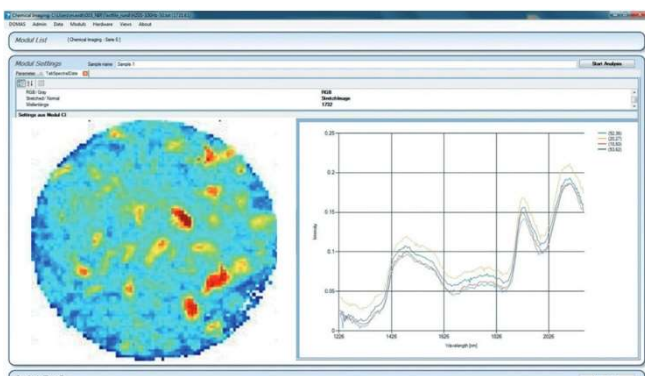
NIR module with chemical image and NIR spectra

TECHNICAL DATA

DEVICE / INSTRUMENT

- Multispectral image analysis system
- Images acquired by flatbed scanner
- Analysis results in clearly arranged tables and graphical diagrams.
- Windows™ based system

APPLICABLE STANDARDS

•ISO TAPPI INGEDE

INSTALLATION REQUIREMENTS

POWER: 100-240V / 50-60Hz

ARTICLES

S241000002 Domas runtime system
S241000003 Domas scanner and calibration
S241000080 Domas PC FPTW10CL WIN 10
                (optional)
Modules:
S241000010 Module dirt specks
S241000020 Module stickies
S241000030 Module dirt specks & stickies
S241000040 Module sheet formation
S241000050 Module mottling
S241000060 Module blackening
S241000070 Module missing dots
S241000090 Module pinholes
S241000100 Module formation, mottling & blackening
S241000110 Module missing dots & heliotest
S241000120 Module heliotest
S241000130 Module bleeding & wicking
S241000140 Module screen-, felt- and other structures
S241000150 Module coverage (for coated liner)

Regions of Interest (ROI) and evaluations of the formation module of DOAS multispec.