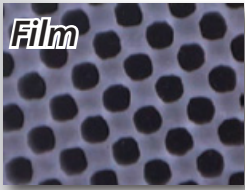


LithoCAM II



Utilising the latest technology, Troika's **LithoCAM II** offers affordable Quality Control in the prepress and print stages of the printing process.

WHAT IS LITHOCAM-II ?

Troika's LithoCAM II is the most advanced, accurate, and easy-to-use dot analyser on the market to measure films, plates (Metal & Polyester) and printed copy.

LithoCAM II is an ideal quality control tool for printed copy, identifying slur issues, ink/water imbalances and print doubling, thereby saving hours of time in the pressroom; and for plates identifying processor problems, plate coating and handling issues, and laser problems; these are all areas where LithoCAM users benefit by quickly identifying problems, and therefore saving time and cost.

LithoCAM II main features are accurate reading analysis including highlight and shadow detail, viewing images in high resolution, storing, printing or emailing images for further analysis or future reference.

LithoCAM II is an essential part of any CtP or imagesetter installation and a must for print quality checks.

The LithoCAM II application is PC based and therefore able to process more data resulting in increased accuracy and functionality.

Powerful software measures dot percentages automatically in less than 1 second and offers a full complement of measuring tools: Image Micrometer; Screen Ruling Calculator, Screen Angle Analyser. Images and data can be printed and the readings imported directly into the users host RIP to calibrate the plate/film imagesetter.

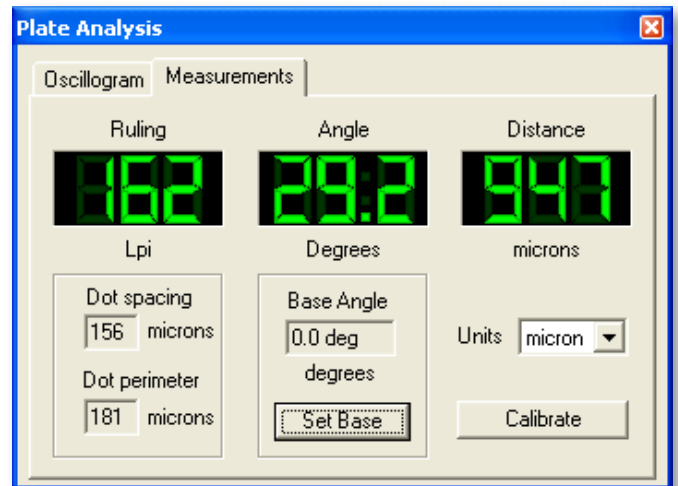
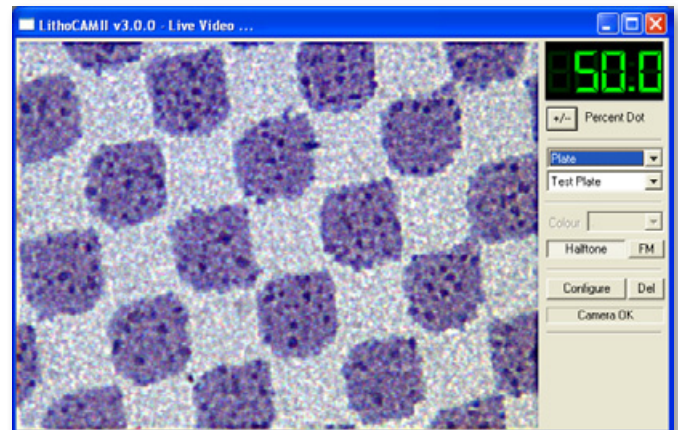
KEY BENEFITS

- ▶ Designed to work with all litho media.
- ▶ Fast and easy to use - simply press a button to get a reading.
- ▶ Accuracy $\pm 0.5\%$.
- ▶ Halftone dot measurement: 100 – 300 lpi | 40 – 118 lpcm.
- ▶ Stochastic dot from 10 microns.
- ▶ Measuring time less than 1 sec.
- ▶ Process and spot colour analysis.
- ▶ Screen angle and ruling calculator.
- ▶ Direct RIP interface.
- ▶ Saves the image for archiving or e-mailing for further analysis.

Quality Control Systems



Features	LithoCAM II
▼ Media	
Film	✓
Offset Plates (Metal & Polyester)	✓
Printed copy (visual perception readings)	✓
▼ Dot Evaluation	
Halftone dots: 100 lpi - 300 lpi	✓
Stochastic dots (FM) from 10 micron	✓
Accuracy $\pm 0.5\%$ over full range of readings (10-micron accuracy $\pm 1\%$)	✓
Plate analysis	✓
Measuring time: < 1 second	✓
Geometric measurements	✓
Dot gain calculation (mechanical)	✓
▼ Interface	
Numeric %-display	✓
Dynamic graphic display	✓
Screen angle / ruling calculation	✓
High speed USB 2.0 link	✓
Positive / Negative reading	✓
▼ Optical Range	
Field of view approx. 0.85 x 0.60 mm	✓
640 x 480 Pixel RGB 24-Bit Colour-CCD	✓
▼ Connectivity & Storage	
JPEG, BMP or LCP file formats	✓
Direct application interface (RIPs, spreadsheets, etc)	✓
▼ Light Source	
White light LED	✓
Powered from PC – no batteries needed	✓



MINIMUM PC-REQUIREMENTS

Pentium IV, 1 GHz, 512 MB RAM, 1024 x 768, 24-bit Display, USB2, 1+ GB harddisk space

OPERATING SYSTEMS: Win 2000, Win XP, Win 7 (Win 7 requires 1+ GB RAM)

WARRANTY: 12 months return to base on hardware. 12 months software updates FOC from website.

December 2011, E&OE. – Specifications and details subject to change without notice



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