

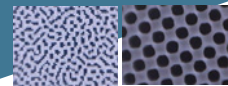


see the dots ... **LithoCAM II Lite**

TROIKA
TROIKA SYSTEMS LIMITED

A low cost dotmeter for measuring all offset printing plates and film. An essential tool for all CTP and Film imager installations !

Troika Dot Meters



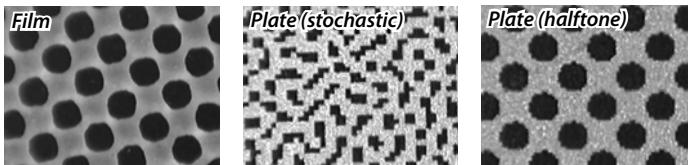
What is LithoCAM II Lite?

Troika's **LithoCAM II Lite** is an easy to use dotmeter for measuring film and all known offset printing plates.

Utilising their own specifically designed CCD camera as part of the solution, Troika Systems is able to offer a measuring system with an outstanding price-performance ratio to the graphic arts market.

Description

Designed especially for the needs of platesetter or imager users and manufacturers, Troika's **LithoCAM II Lite** is an essential part of any CtP/imager installation. This PC driven application ensures accurate readings and shows a grayscale display of the area readings. **LithoCAM II Lite** benefits from the use of a modified web camera to keep the cost low, whilst keeping the accuracy high with this fast and easy to use application.



Key benefits

- ▶ Low cost
- ▶ Highly accurate: $\pm 0,5\%$. ($\pm 1\%$ FM screens @10 micron)
- ▶ Dynamic, real time on-screen images.
- ▶ Enables easy plate/film calibration.
- ▶ Fast and easy operation – simply press a button to get the reading
- ▶ Measuring time less than 1 second.
- ▶ Halftone dot measurement: 100 – 300 lpi (40 – 118 lpcm).
- ▶ Stochastic screens from 10 microns.
- ▶ PC/USB based, no batteries needed.

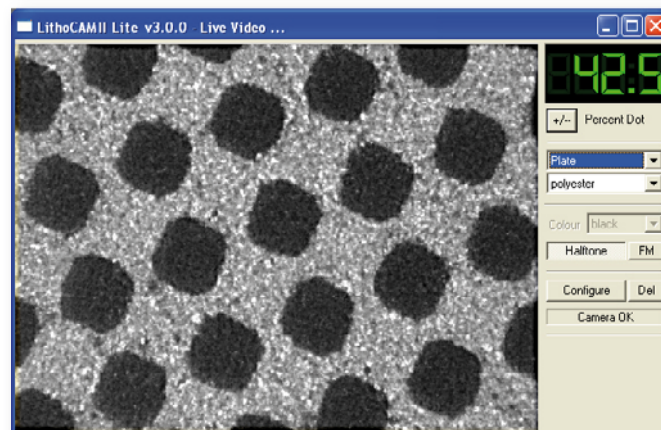
"I have found the TROIKA dotmeter very effective for controlling and calibrating CtP devices. With process control and management within the print production cycle being key to improved productivity and quality, effective monitoring of plate calibration and exposure is a must. These devices offer great price/performance value. I have been using mine regularly and successfully for the last 18 months"

Steve Fowler, Technical Specialist, Heidelberg UK

Product Specifications

Features	LithoCAM II Lite
▼ Media	
Film	✓
Offset Plates (Metal & Polyester)	✓
▼ Dot-Evaluation	
Halftone dots: 100 lpi - 300 lpi	✓
Stochastic (FM)-Dots from 10 micron	✓
Accuracy $\pm 0.5\%$ over full range of readings (10-micron accuracy $\pm 1\%$)	✓
Measuring time: < 1 second	✓
▼ Interface	
Numeric %-display	✓
Dynamic graphic display	✓
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 CCD	✓
▼ Light Source	
White light LED	✓
Powered from PC – no batteries needed	✓

(Specification subject to change without notice)



Minimum PC-Requirements

Pentium IV, 1 GHz, 256 MB RAM, 1024 x 768, 24-bit Display, USB 2.0, 1+ GB hard drive

Operating Systems

Windows 2000, Windows XP

Warranty

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



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Your authorised **LithoCAM II Lite** dealer: