



see the dots . . .

Flexo Plate-II-Print

Troika
TROIKA SYSTEMS LIMITED

Utilising the latest technology, Troika's Flexo Plate-II-Print offers affordable quality control in the prepress and print stages of the flexographic printing process.

Troika Dot Meters



WHAT IS FLEXO PLATE-II-PRINT?

Too often flexographic plate problems result in significant press downtime, and heated debates between the printer and the plate manufacturer regarding where fault might lie. **Flexo Plate-II-Print** has been designed to help eliminate such issues.

The hand held **Flexo Plate-II-Print** is an inexpensive tool for flexo-graphic printers to check both *plate quality* and *print quality* quickly and efficiently. This latest introduction completes a trilogy of quality control products designed and manufactured by Troika Systems for the flexographic sector of the printing industry.

Flexo Plate-II-Print joins the FlexoCAM – a high-quality instrument for checking the fine detail of a flexographic plate – and the AniCAM – a quality control instrument for measuring the volume of cells on anilox cylinders.

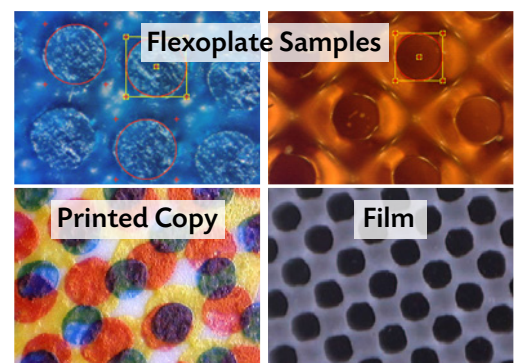
KEY BENEFITS

- ▶ Designed to work with the majority of flexo plate materials.
- ▶ Two steps to get a reading:
 1. Simply press a button to take a snap of the target area.
 2. Define 3 dot shapes by applying 3 clicks to the dots outline
- ▶ Accuracy $\pm 1\%$.
- ▶ Halftone dot measurement: 60 – 175 lpi (24 – 70 lpcm).
- ▶ Measuring time less than 1 sec.
- ▶ Screen angle and ruling calculator.
- ▶ Direct RIP interface.
- ▶ Process and spot colour analysis.
- ▶ Saves the image for archiving or e-mailing for further analysis.

DESCRIPTION

Flexo Plate-II-Print completes the package of measuring devices for the flexographic market. The compact instrument gives the flexographic printer a fast and simple way of checking screen angles, dot size, and screen count. This means that the printer can check the critical details of a plate in just a few minutes – even while it is on the press if necessary.

"For trade-houses it should prove beneficial to provide such a plate reader to their larger customers to help eliminate any disputes," said Phil Hall, Managing Director Troika Systems Limited, *"Certainly such a device would pay for itself in that kind of situation very quickly."*



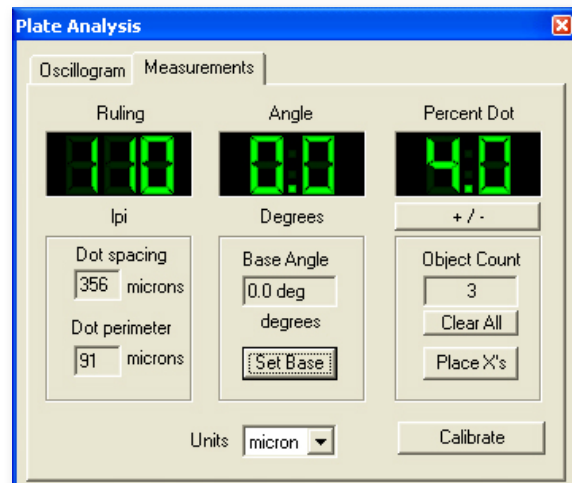
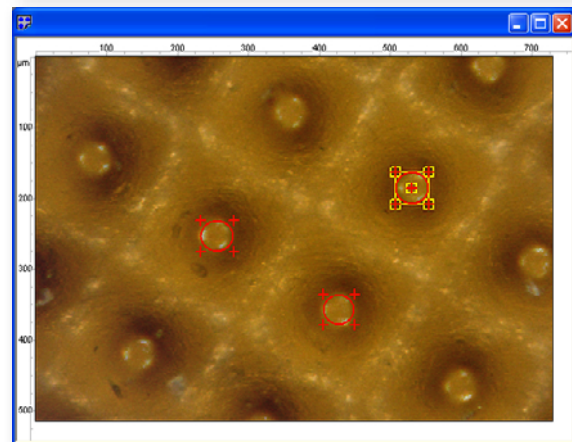
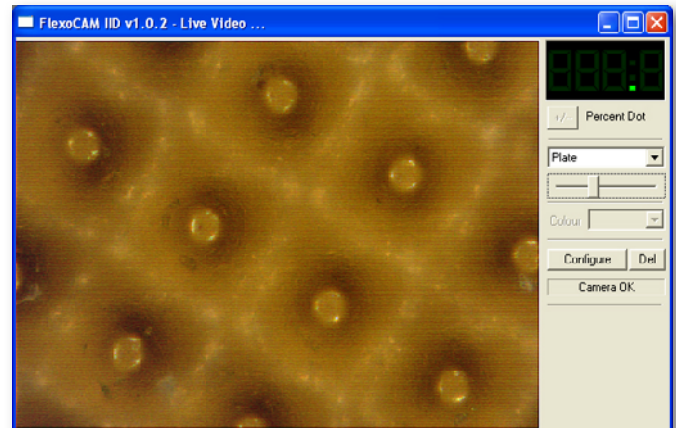
PRODUCT SPECIFICATIONS

FEATURES	
▼ Media	
Film	✓
Flexo Plates (flat)	✓
Printed copy (visual perception readings)	✓
▼ Dot Evaluation	
Halftone dots: 60 lpi - 175 lpi (24 - 70 lpcm)	✓
Accuracy ± 1% over full range of readings	✓
Plate analysis	✓
Measuring time: < 1 second	✓
Geometric measurements	✓
▼ 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 FCP 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, 256 MB RAM, 1024 x 768, 24-bit Display, USB 2.0, 1+ GB hard drive

(Specification subject to change without notice)



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 Flexo Plate-II-Print dealer: