

BETA FLEXPRO

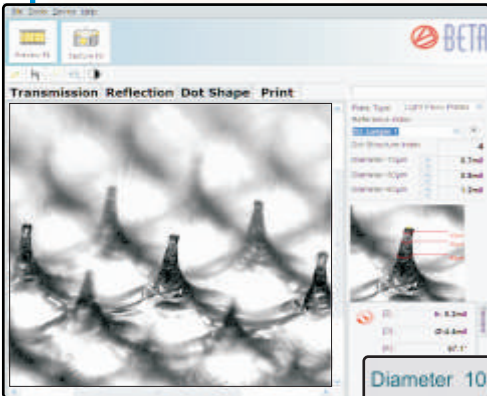
Plate & Image Analyzer

**MEASURE
HD FLEXO**

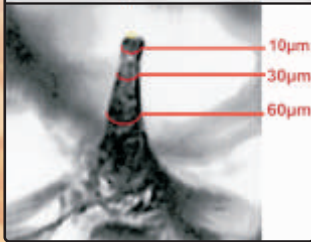
with 2D & 3D Imaging
3D Dot Structure Analysis

**COLOR SEPARATION
ANALYSIS**

**IMAGE
COMPARISON**



Diameter 10µm	0.7 mil
Diameter 30µm	0.8 mil
Diameter 60µm	1.2 mil



Enlargement of
BETA FLEX PRO
3D Dot Structure
Analysis with
Pass/Fail Dot
Structure Index



OPTIONS & ACCESSORIES

Betaflex Pro Sleeve XXL Long Arm Adaptor*



FOR LARGE PLATES

Mounts Betaflex Pro sensor head & FlexiGage Micrometer 30 inches (762 mm) into the plate. Mask, plate and print halftone analysis as well as plate thickness and relief measurements with optional FlexiGage Micrometer.

*Available as the BetaFlex XXL Long Arm System which includes Betaflex Pro Sensor or sold separately without sensor.

Betaflex Pro Sleeve Adaptor*

MEASURE PLATES IN-THE-ROUND

Before or During Production for the Most Accurate Halftone Dot Analysis



Dual transmission illuminators produce sharp, high-contrast images for accurate halftone dot analysis

ILLUMINATION: Two collimated transmission light sources, one near each end of the sleeve support White, Red, Green, and Blue reflection light sources mounted within the sensor. 3D mode illuminator mounted within the sensor

Format: Cut off: 12" to 49" (300mm - 1250mm)

Diameter: 3.75" to 15.7" (95.5mm - 398mm)

Width: Maximum 80" (2000mm)

*Available as the BetaFlex Pro Sleeve Adaptor System which includes Betaflex Pro Sensor or sold separately without sensor.

ADD THE BENEFITS OF BETA FLEX PRO TO THE EFFICIENCY OF SLEEVE PRODUCTION

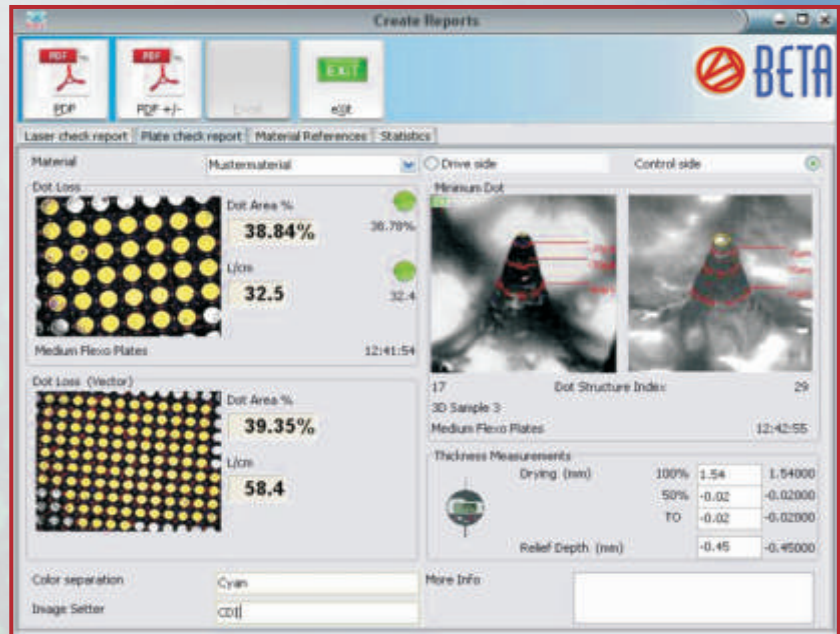
FlexoEyePlus Software

STREAMLINED AUTOMATIC DATA
COLLECTOR & REPORT GENERATOR

FlexoEyePlus

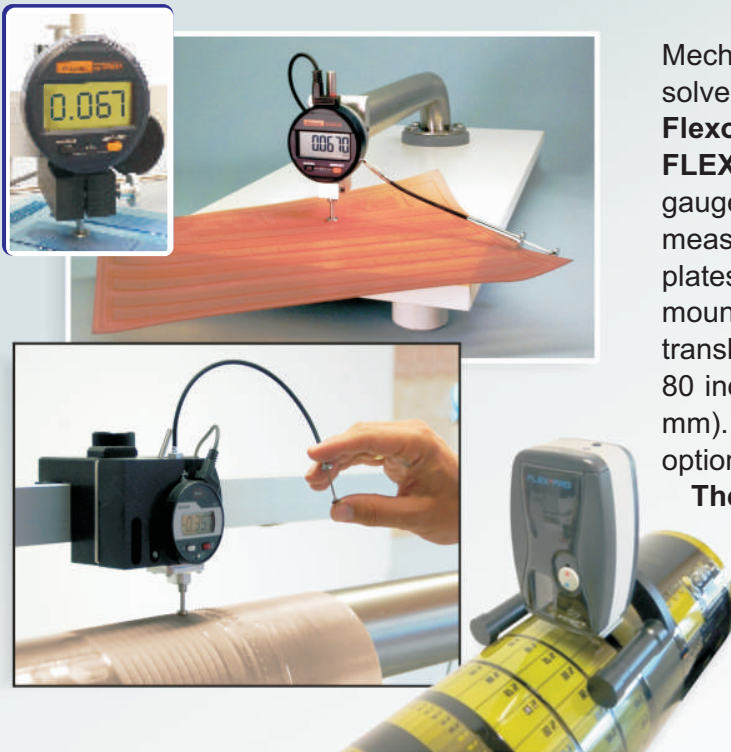
Optional software data collector & report generator guides the operator to collect just the halftone data needed in a high volume production environment.

No unnecessary steps and no obstacles to high production. Convenient **PASS/FAIL** icons evaluate minimum dot and midtone dot while plotting the day's production on a convenient graph.



FlexiGage Micrometer & Roll Mount

MEASURE PLATE THICKNESS & WEAR
GENERATE REPORTS



Mechanical attributes of plate gauge, relief of thermal, aqueous, solvent, and direct ablation plates can now be added to **FlexoEye PLUS** reports through a direct connection to the **FLEXIGAGE DIGITAL MICROMETER**. Use your existing plate gauge table or ours with our convenient Digital Micrometer to measure, record, and plot plate thickness. Not limited to flat plates, the **BetaFlex Pro** sensor (measuring head) can be mounted on the optional Betaflex Sleeve Adaptor to measure translucent sleeves in 2D and 3D mode. Handling sleeves up to 80 inches wide and 16.7 inches in diameter (2000 mm x 424 mm). Measure sleeve gauge and relief with the Flexi-Gage option mounted on the sleeve adaptor for total Quality Control.

The Betaflex Pro ROLL MOUNT makes it possible to document plate wear and damage while the plate is still on press. **The BetaFlex Pro Sensor (Measuring Head) attaches to the Roll Mount**, stabilizing the sensor on a stationary plate cylinder for 3D mode measurements. Web print samples can also be imaged on a stationary web over a turning bar or flat area on the press.

 **BETA INDUSTRIES**
The Quality Control Company

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Densitometers-Spectros, Flexo Analyzers, CTP Calibration, Color Viewing, Magnifiers, Testing Equipment