

Betaflex Pro Letterpress Plate Analysis

THE BETAFLEX PRO Flexo Analyzer now has a **NEW PLATE FUNCTION** specifically designed to analyze images from Letterpress metal-backed plates. These plates are widely used in metal decorating, plastic tube printing, and other applications where a hard plate is mounted to a cylinder. Its steel back prevents Transmission measuring which **UNTIL NOW made it difficult to obtain reliable measurements.**

FIGURE 1 shows the processed plate in PREVIEW Mode.

The low contrast and grainy appearance are very different than what is normally seen with translucent photo-polymer plate in TRANSMISSION Mode.

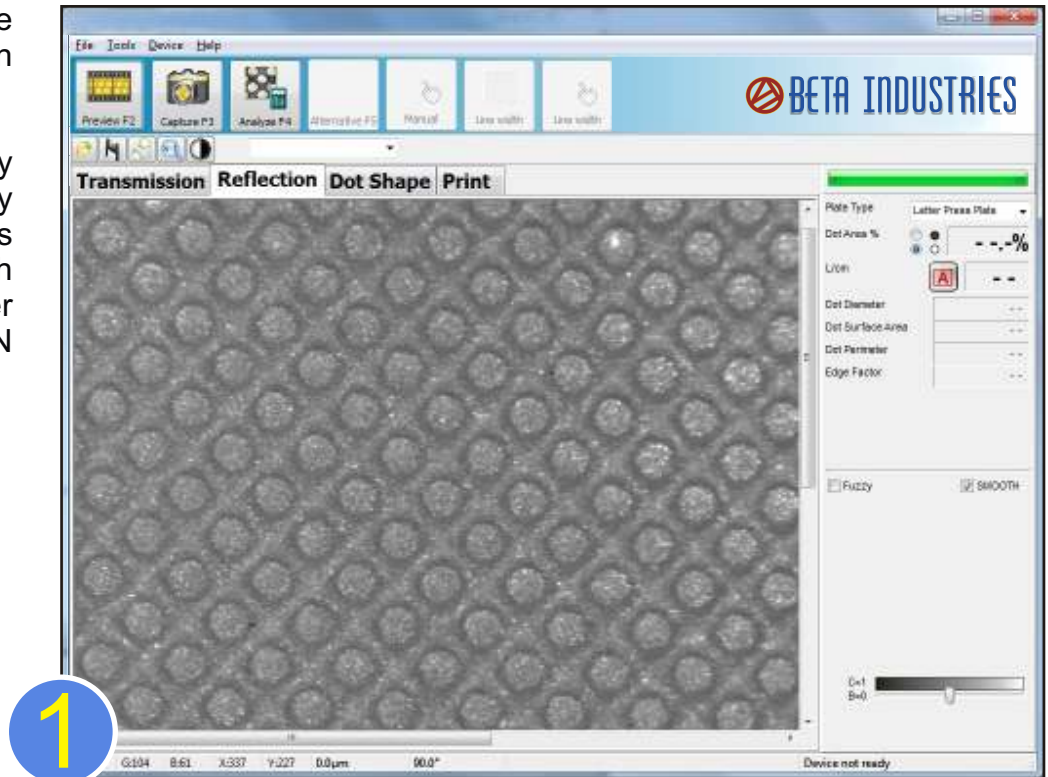
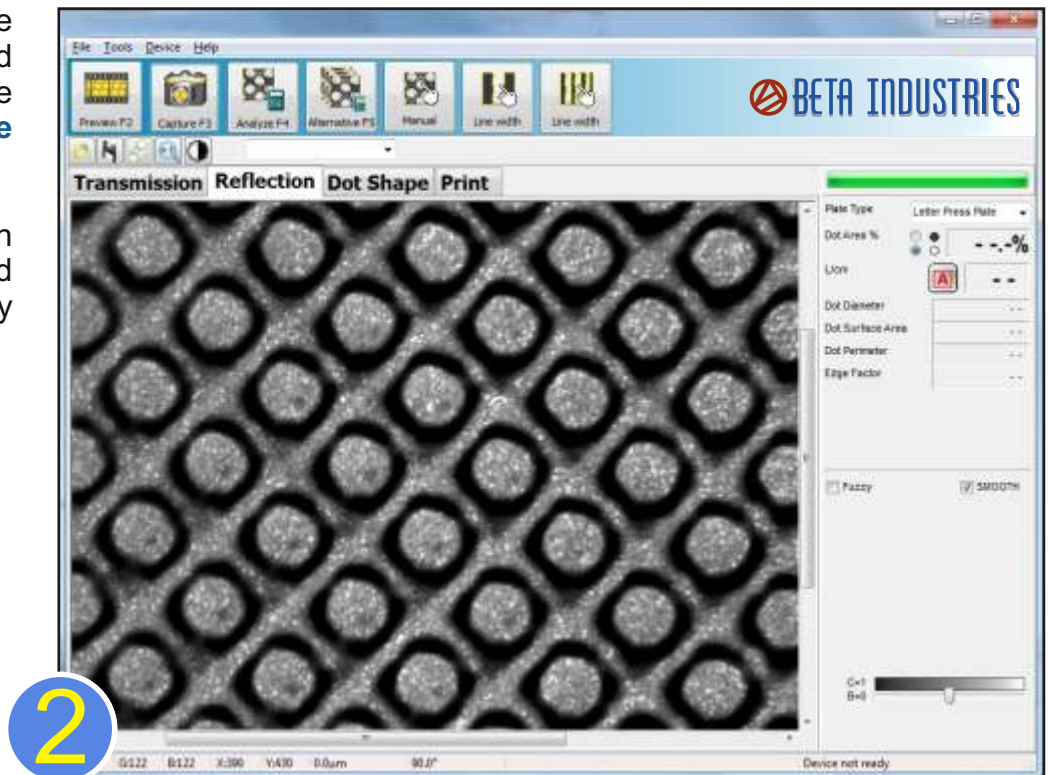


FIGURE 2 shows the results after Capture and image processing with the new **LETTERPRESS Plate setting.**

The central printing portion of the dot is well delineated and the shoulder is clearly visible.



Betaflex Pro Letterpress Plate Analysis

FIGURE 3 shows the results of automatic analysis. No manual dot selection is required.

The identification and analysis of the dots is exactly the same as when the TRANSMISSION Mode is used with translucent plates.

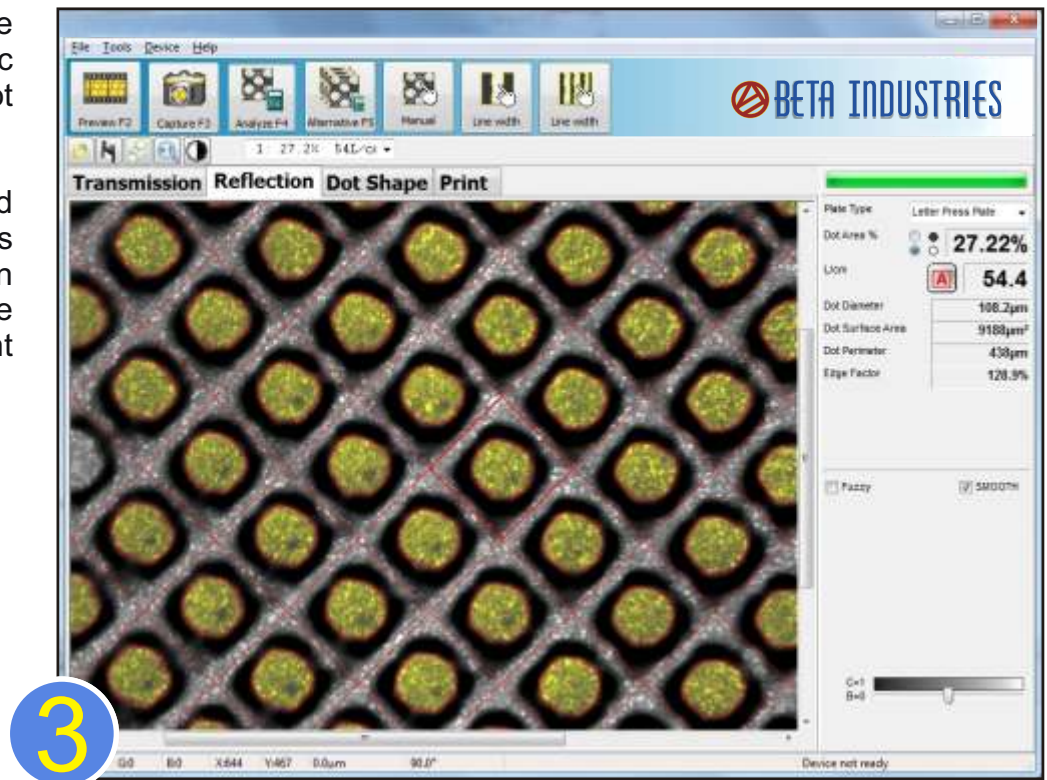


FIGURE 4 is a Captured and Analyzed image of the Laser Ablation Mask prior to plate processing. Four dots have been manually excluded from the analysis to show the characteristics of the mask image.

Note the selection buttons adjacent to the Dot Area legend used to select the light or dark portion of the image. This plate has a negative-working mask, and is correctly analyzed. Other plates may have positive masks.

