

LVS-7510 PDF COMPARATOR

Omron Microscan's LVS-7510 Thermal Printer Label System provides print quality inspection and barcode verification, with integration into popular industrial thermal transfer printers. The optional PDF Comparator function is now available to easily compare labels to an approved artwork file to find errors.

What is the PDF Comparator Function?

The PDF Comparator is an optional advanced error detection function for the LVS-7510 which compares one reference label image, or "golden image", to a PDF master artwork file selected by the user. Differences between the golden image and PDF master artwork are highlighted within the ScanProof™ software and resulting report. The PDF Comparator function provides an easy Pass/Fail method to ensure that the reference label imported into the LVS-7510 is 100% accurate and error-proof before executing the job.

How does it compare to LVS-7510 Blemish Detection Tool?

The Blemish Tool compares an image of the first label through the printer to every other label through the printer. It is not able to check if the first label is correct, such as the wrong print job was sent to the printer. The PDF Comparator function compares the approved master artwork file to the golden image, and the Blemish Tool compares the golden image to the rest of the labels.

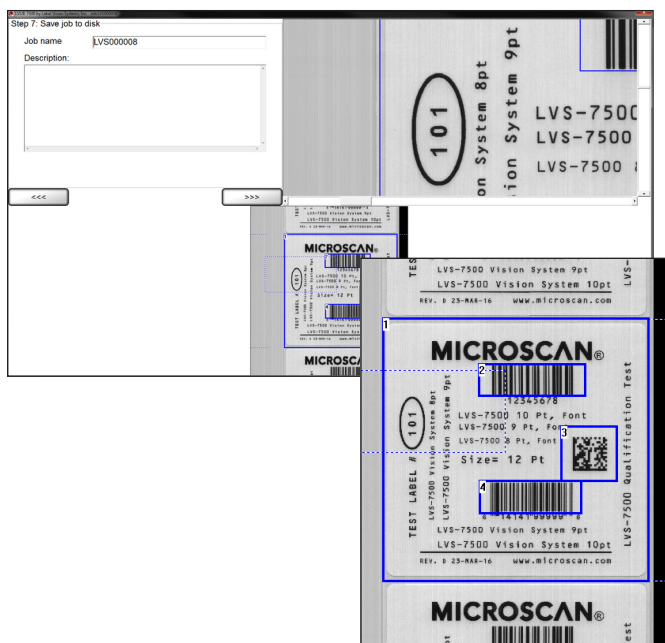
How does the PDF Comparator work?

While in the Blemish Tool setup screen, launch the ScanProof software. The software compares the golden image to a PDF master artwork file and indicates all differences, using user-defined criteria. After the comparison is complete, ScanProof produces a report and shares it with the LVS-7510, which returns to the Blemish Setup screen. If the report is marked FAIL, a large warning message directs the user to retrain the Blemish Tool. If the report is marked PASS, the LVS-7510 allows the user to complete the Blemish Tool setup.



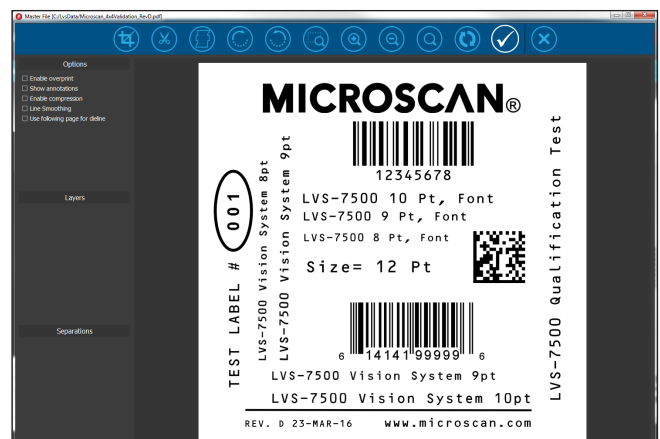
Step 1 →

View the "golden image" in the Blemish Tool setup screen.



Step 2 →

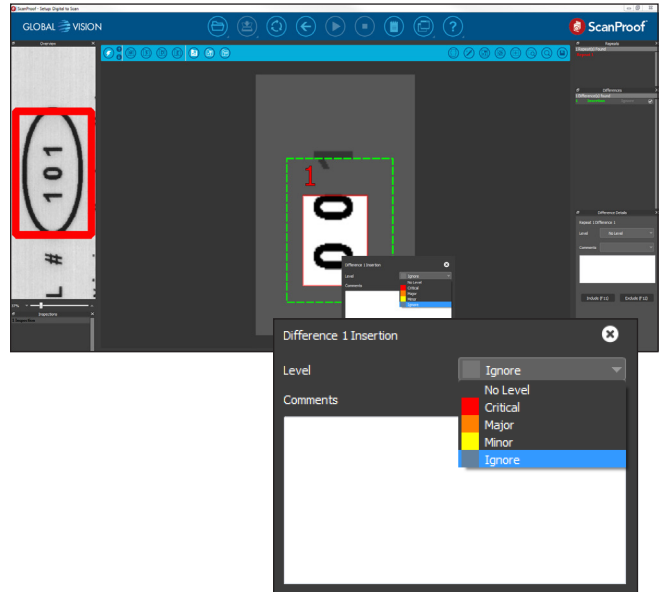
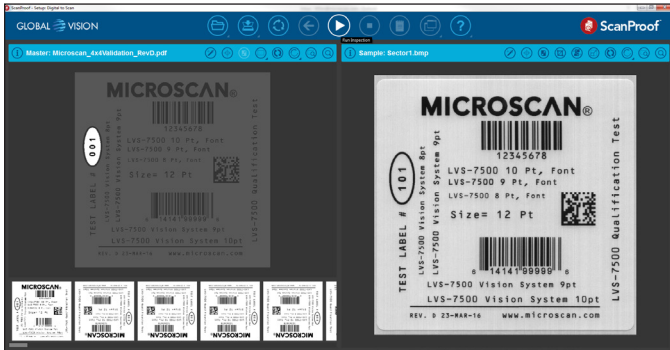
Open the image in the ScanProof software and select the PDF master artwork file for the comparison.



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Step 3 →

Run the comparison. Each difference is highlighted and the user can assign a classification.



Step 4 →

ScanProof generates a report and shares it with the LVS-7510.



Step 5 →

If the report is a FAIL, the user is warned so they can make corrections. If the report is a PASS, the user can complete setup.

