Densitronic & LithoScan
Upgrade IP

100% exline inspection

UPGRADE TO 100% EXLINE INSPECTION

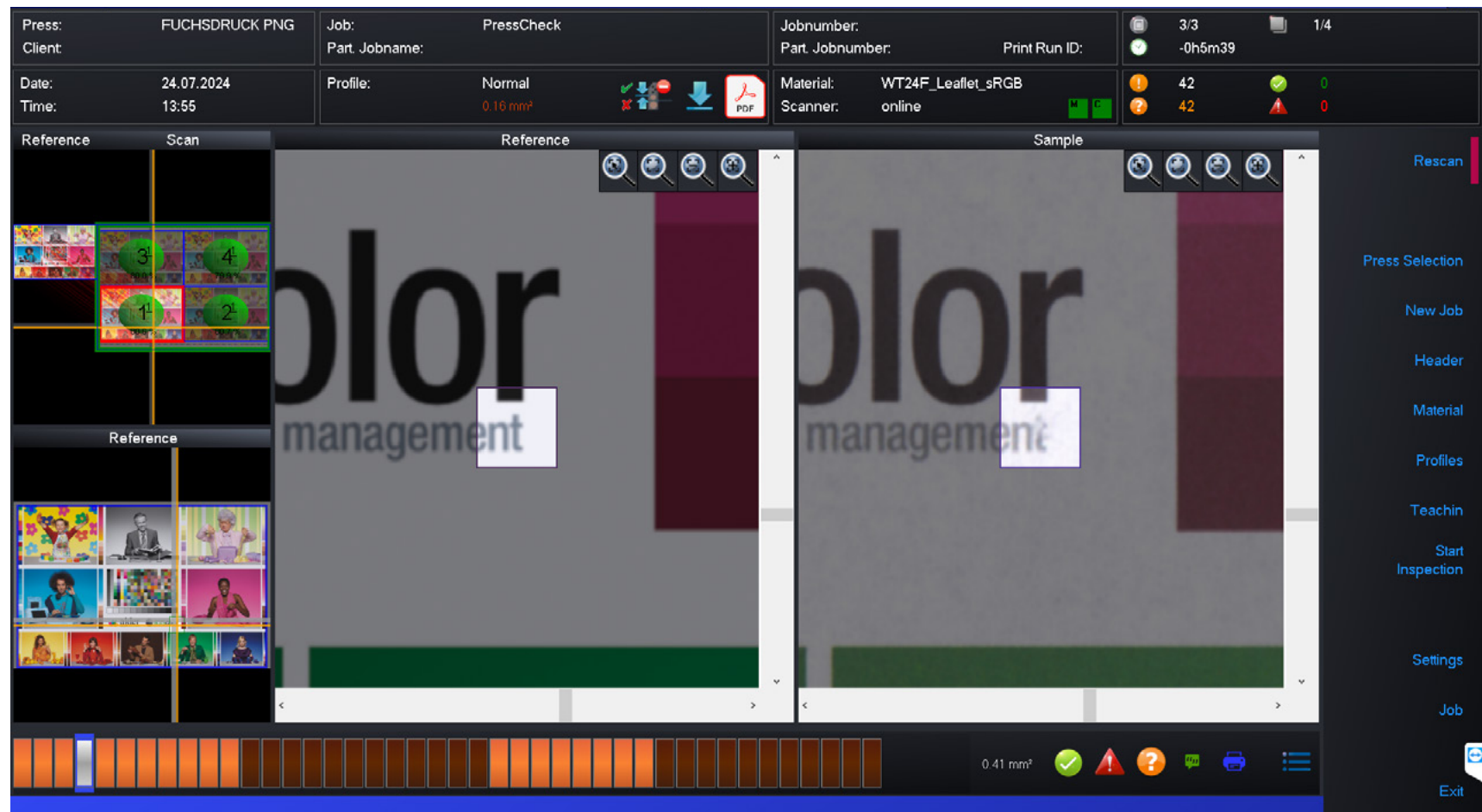*LithoScan IP* is a fast high-resolution scanner for print inspection and PDF comparison outside the machine.
Balanced illumination guarantees exceptional performance on most common substrates.

Application areas

- PDF and image control on printing presses
- Suitable for pharmaceutical applications

Benefits

- Connect up to 5 presses
- Short setting and check time
- Check against PDF and Reference Images [Tiff/Png/Bmp cmyk|rgb]
- Extensive logging of all defects (PDF Report for each press and job)

*Error detection and PDF comparison view on monitor

*Easy visual error locator on sheet (optional upgrade)

LithoScan S   LithoScan SI   LithoScan SIP   LithoScan I   LithoScan IP

SCOPE OF DELIVERY

Evaluation time (Sheet to PDF)	**Format (mm)**	**Scan time**
from 30s	1100 x 750	10 s
from 60s	1650 x 1200	15 s
from 90s	2200 x 1650	20 s

Features

- RGB line camera with illumination
- Industrial PC with control unit
- Separate monitor with touchscreen
- Scan2Scan-checking software

Optional upgrades

- **LithoPDF**: Scan-checking software (incl. multi-up nested PDF)
- **Laser-assisted error locator**
- Individual paper calibration (ICC L*ab)
- Spectral measurements in Quality Report
- Hotfolder for prerendering of PDF Files

Performance features

- Instant sheet to sheet comparison
- Real-time adjustable error thresholds
- Integrated, maintenance-free LED illumination
- Recognition of the smallest image differences (hickeys, scratches, stains, mixed typefaces, etc.)
- Duplex compensation (Thin paper shine through artifacts are compensated for verso printing)
- ICC profiled Scanner for RGB to L*ab conversion
- Check mixed forms (up to 16 different PDFs on one Scan with individual reports)

Benefits

Clients worldwide benefit from a marked **reduction in quality costs**, leveraging the power of a tool designed for press operators.

The series emphasizes a **future-focused mindset**, incorporating advancements like wear-free sensor technology and state-of-the-art measurement capabilities.

Catering to diverse operational needs, the series offers varied configurations, from spectral measurement to image inspection and PDF verification, providing an **all-encompassing solution to modern press challenges.**

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