LITHEC GmbH

Lith◎Flash®
Inline

WE CONTROL IT

Inline measurement and control system for offset printing

The use of LithoFlash® Inline systems can sustainably improve the productivity of your existing or new printing machines. With a small investment volume, this kind of systems achieve significant savings in a short time. Reduced setting time increases job throughput. High waste savings directly lower substrate costs. Moreover, the use of a measurement and control system additionally ensures production quality.

- For sheet-fed and web offset printing machines with a production width of 52-205 cm
- Measurement and control of the densities of process inks and special colours
- Monitoring of tone value increase, print contrast and trapping parameters

Compact system for new and used printing machines

- High savings thanks to LithoDyn dynamic control
- Minimal energy costs due to flashing LED
- Clearly structured user-friendly interface
- Definable print control strips
- Effective protection against contamination thanks to innovative glass/visor system
- Long service life and low operating costs
- Can be adapted to various printing machines
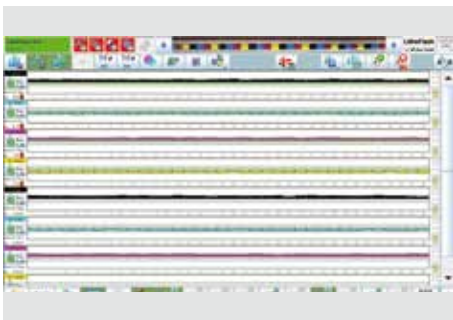
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LithoFlash at a webpress

LithoFlash at a sheet feed

User-friendly system control

Color management with LithoColor

Measurement methods and sensors
- Wear-free sensor system with integrated dust and dirt protection
- Density measurement similar to ISO
- Parallel measurement of all density channels over the entire printing width
- Measurement of each sheet
- 0/45° optics
- Maintenance-free and long-life LED measuring light
- Polarising filter
- Measuring range 0.0 – 2.2 D
- Using existing print control strips is possible
- Selectable height, width and configuration of measurement fields (min. Size 3x4mm)
- Strip library for optional use of various print control strips
- Reproducibility: 0.01 D depending on the measurement condition
- Line feed up to 15 m/s

Scope of supply
- Sensor crossbar
- Control unit, industrial PC with 21" touch screen
- For the operation of necessary electrical and mechanical assemblies
- Advanced Dust Protection (enhanced protection against contamination)
- LithoDyn (dynamic control)
- LithoJobChange (dynamically controlled job change)
- LithoFlash® One Shot (control at machine standstill)

Options for the LithoFlash® System
- LithoFlash CIP (software module for ink presetting)
- LithoColor (colour database)
- LithoRef (manual measuring device)
- LithoFlash® sheet guiding (all formats)

Device variants
- KBA
- Ryobi
- Komori
- Manroland
- Additional machine options on request

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