

WE  
CONTROL  
IT



## Spectral 2D online measurement system for Lab and density values

LithoScan® Professional is the best selling spectral 2D measurement system. As Densitronic Professional, it has been installed over 1400 times worldwide. High measurement accuracy, optimum correction values and clear operation are its main features. The measuring table latest generation contains a high-speed measuring head for fast Lab-Scan and the new long-life LED lighting with M1 option as standard.

- For sheet-fed offset printing machines from all systems
- Available in 3 table formats for machines with sheet width of 780-2,200 mm
- Control of up to four printing machines via Multi-Interface
- Measurement and control of spectral, Lab and density values as well as grey balance on Lab-Basis

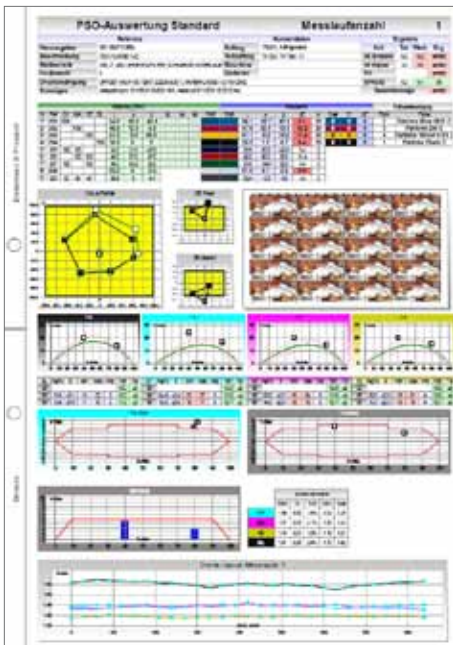
### Complete system for new and used printing machines

- Non-contact measurement in print control strips or in the image
- Various strategies for optimal colour and density control
- Standardisation according to PSO or company standards
- Customisable quality logs
- Reduction of quality costs
- Low service and maintenance costs

# LithoScan Professional



Contactless measurement



LithoPSO protocol



Measured value display for density control

## Measurement methods and sensors

- Density and spectral measurement in accordance with ISO
- 0/45° optics
- CMYK status E, optional status T
- Maintenance-free and long-life LED measuring light
- Aperture 2 mm x 1.5 mm / 3 mm x 2 mm
- Built-in calibration standard
- Measuring range 0.0 - 2.5 D
- Reproducibility minimum 0.01D depending on measurement conditions
- Various print control strips freely selectable
- Expansion with freely definable strips is possible
- Strip height is possible from 3 mm, depending on printing conditions
- Scan speed: about 3 seconds per metre

## Scope of supply

- Measuring table with 2D positioning
- LithoScan® SpeedLab measuring head
- Industrial PC with touch screen
- Integrated suction pump for sheet fixation
- Control unit

## Options for functional expansion

- LithoCIP (software module for ink presetting)
- LithoDyn (dynamic control)
- LithoColor (colour database)
- LithoPSO (PSO protocol function)
- Interface for connecting up to 4 printing machines

## Interface options

- KBA
- Manroland
- Heidelberg
- More on request