



PDC-SX

Spectral Print Density Control

KOMORIKare

The KomoriKare PDC Series devices are systems that support the operator by digitizing and automating register and colour matching, and quality checking work that used to be performed manually. Changeover time can be considerably shortened and paper waste significantly reduced by performing colour control at print start-up with automating register.

KomoriKare PDC-SX adds an automatic registration function to the colour control function so that both colour and register are measured in one process and the information is automatically fed back to the press.

Compatible with ISO 12647-2, the international print standard, as well as G7 and Japan Colour standards, the PDC system is indispensable for standardizing printing. Moreover, printed material and plate data can be compared by installing the PDF comparator (PDC-SX option).

Benefits

- Two times of registering is enough instead of seven to eight times start up printing.
- Convenient to align with the paper.
- Preparation time for paper becomes half.

Two functions in one system:

Colour Management

- Colour bar at the center of sheet can be read by X-Y movement.
- Compatible with spot measurement.
- Compatible with ISO12647-2, G7, Japan Colour report.
- M0-M3 light source can be used.

Automatic register adjustment

- Automatic registration among colours.
- Automatic vertical position control (gripper/tail edge).
- Automatic horizontal position control (substrate/printing).

PDC-SX adds an automatic registration function to the colour control function so that both colour and register are measured in one process and the information is automatically fed back to the press.

Specifications

Product name	PDC-SX Spectral Print Density Control
Density control function	Density, dot gain, trapping etc.
Colour control function	L*a*b* · ΔE etc.
Patch size mm (min)	3.0 (H) x 3.0 (W)
Colour bar position	Anywhere on sheet.
Compatible models	GL40 and GL44

Directions for Use:

For details, please refer to the safety data sheet.

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