

InkZone ColorTrail for the Spectrophotometer Myiro

Combining a color scanner and vacuum system with Konica Minolta's Myiro scanning spectrophotometer brings efficiency and color safety to the offset printing press. The InkZone Move software package visualizes all parameters of the print run in real time. Optionally, IZ Move can both document the color processing with IZ Report as well as calibrate the prepress workflow with IZ TVI. Automated color measuring is elegantly combined

with InkZone's best-in-class ink key presetting and closed-loop color control functions. Being a modular and modern solution, the InkZone production suite for complete color control is a quality booster for almost any offset press. InkZone ColorTrail Myiro is a groundbreaking, cost-effective solution.



InkZone ColorTrail combines automated scanning of the color bar with a vacuum system and the Myiro-1 spectrophotometer: another great advance of InkZone's functionality on the printing press.

- Supports offset presses with a color bar length of up to 75 cm (4up size).
- Modular: The system can be enhanced with InkZone's ink key presetting (IZ Perfect) and closed loop color control (IZ Loop) solutions.
- The entire color bar is measured within seconds and visualized inside the InkZone Move software.
- The built-in digital camera records the control strip and recognizes incorrect measurements immediately.
- A perfect retrofit solution for existing offset printing presses: enhanced color control on old and new machines is achieved.
- Excellent substrate fixation with vacuum system.
- Measurement of density and ISO compliant spectral data according to M0, M1 and M2 standards.
- Perfectly suited for short and long print runs.
- Significantly reduced paper waste by accelerating perfectly consistent color control: less complaints and more happy customers.
- Excellent price/performance ratio: amortized within a few months.
- Database for CMYK and spot colors on different substrates.



InkZone Move visualizes all color measurements of the Myiro spectrophotometer in real time.

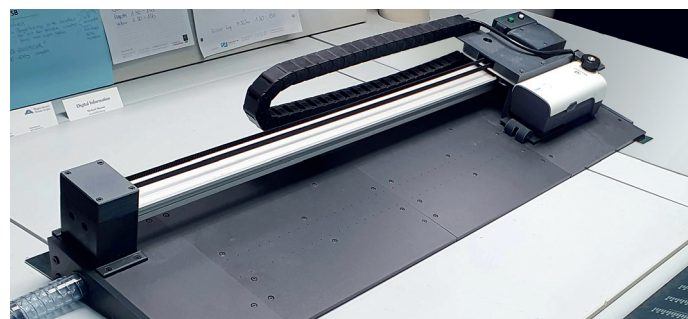


Heidelberg Speedmaster 52 offset press with InkZone ColorTrail and the Myiro spectrophotometer.

InkZone ColorTrail with Konica Minolta Myiro-1



Konica Minolta's Myiro-1 spectrophotometer and InkZone ColorTrail.



InkZone ColorTrail: a modular drive for fully automated color bar measurements in offset printing.

Specifications of Myiro-1 spectrophotometer

- Spectral range 380–730 nm, wavelength pitch 10 nm.
- Color patch size 6.5 x 6.5 mm (height x width).
- Measurement conditions M0, M1 and M2.
- Viewing system 45° a: 0° (angular illumination), conforming to ISO 13655, etc.
- Scanning length up to 75 cm (4up).
- Density range 0.0 D–2.5 D.
- Data transmission and power supply with IZ Track: USB port.



Link to the video with IZ ColorTrail and the Myiro-1.

Specifications of InkZone ColorTrail with the Myiro-1 spectrophotometer

- Scanning length up to 75 cm (4up).
- Perfect tracking control and measurement visualization exclusively performed by the IZ Move software package.
- Fully automated scanning start by IZ Move.
- Black measuring pad.
- Motorized movements back and forth of the Myiro spectrophotometer.
- In most cases, the complete system can be installed on the press console's existing desk. Adding of a base plate may be necessary.
- A vacuum system must be installed when combining IZ ColorTrail with the Myiro-1.

An automated vacuum system for InkZone ColorTrail

The vacuum system for IZ ColorTrail with Myiro allows secure fixation of the substrate. The impact of slight paper imperfections is eliminated; the sheets remain perfectly attached throughout the color scan. The amount of substrate-related

incorrect measurements is drastically reduced due to the stabilized sheet positioning. Preventing inaccurate measurements enables both faster achievement of the desired target color as well as more stable press runs with every printing job.



Underside of the vacuum system with magnetic adhesion.



Two rows of vacuum holes for substrate fixation.



A powerful vacuum pump holds a firm grip on the paper.

Technical data of vacuum system

Air suction system for IZ ColorTrail with Myiro-1

- Supports the combination of IZ ColorTrail with Myiro-1 exclusively.
- Workflow exclusively controlled by the InkZone Move software package.
- Robust base unit in any length matching IZ ColorTrail.

Vacuum pump

- Power connection 110/220 volts, 0.45 kW.
- Weight 13 kg.
- Maximum vacuum 120 mbar.

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