# InkZone Move

*InkZone Move is a powerful soft-ware application for quality assur-ance on sheetfed or web offset presses. IZ Move supports all established scanning color measurement devices. As an extension, InkZone Loop can be added, which turns off-line color control into a closed-loop process providing fully-automated integration with almost any model of offset press. With IZ Move and IZ Loop you get full control over your offset printing process.*

## Precise Quality Measurement

InkZone Move brings more accuracy, quality and ease-of-use to the printing process at an unbeatable price-perfor-mance ratio. The software integrates with scanning color measurement devices automatically and improves the success of any press operator by offering precise adjustments for color control. The con-nected motorized drive which propels the color scanning instrument across the color bar assures repeatability, speed, consistency and reliability. Operator confidence will increase, measurement after measurement.

## Focus on Process Control

As each measurement is completed, InkZone Move displays the results in real time on the monitor. The graphical presentation is clear and easy to inter-pret – the control screen shows the ink key zones for each press unit along with the relevant color data including density (absolute and relative), dot gain, tone value, and colorimetry (CIELAB) along with color difference (Delta-E).
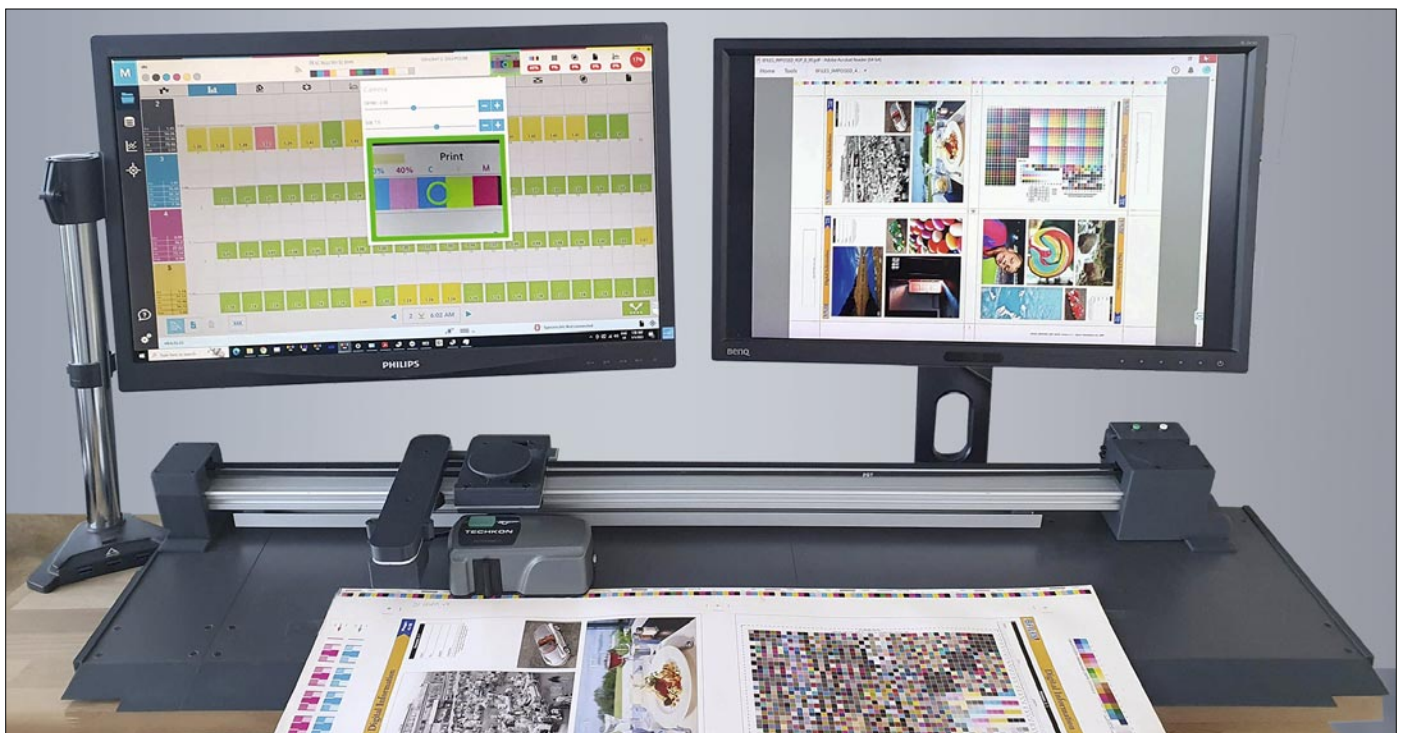
The software stores all measured data in a straightforward format, ready for further interpretation with off-the-shelf reporting applications.

## From Offline Printing to a Closed-Loop Control System

With IZ Move, operators have a power-ful control and decision-making system in their hands. While the basic version is an off-line solution requiring manual ink console adjustments, with IZ Loop, the system can be upgraded to full closed-loop operation, providing calculation of the proper corrections, and then adjust-ment of the ink settings automatically.

## All information at a glance

InkZone Move shows density and dot gain as tools for controlling process-



*IZ Move and IZ ColorTrail SpectroJet: Color measuring and a camera to check color bar positioning. The combination with IZ Plot allows soft proofing right at the press console.*

*IZ Quatro shares up to four presses, each equipped with InkZone, trough one scanning instrument and the IZ Move Quatro Instrument Server.*

color printing. In situations where the color measuring instrument generates spectral data, InkZone Move displays CIELAB and the corresponding Delta-E values, which is not only helpful for spot colors, but also for meeting newer printing industry standards such as ISO and PSO. InkZone Move supports all important color scanning measurement systems including: SpectroDrive, Spectro-Drive New Generation and SpectroJet from Techkon, as well as IntelliTrax 1 & 2, EasyTrax and eXact Scan from X-Rite. IZ Move connects today's scanning instruments with nearly all offset presses.

### Wet-Dry Forecast

Based on the color measurement of a paper substrate in wet and dry offset



*InkZone Move shows color results for every ink key immediately after scan.*

ink, InkZone Move is capable of predicting final color values. An important tool for every offset press operator:

Already during the printing process, InkZone Move shows the expected color parameters of the dry sheet.

### Supported Scanning Devices

- Digital Information: IZ ColorTrail SpectroJet and MYIRO.
- X-Rite: IntelliTrax D/S and Intellitrax 2 D/S, EasyTrax D/S, eXact and eXact 2.
- Techkon: SpectroDrive and SpectroDrive NG, SpectroJet.
- Grapho Metronic: Inline Density System M.
- KBA Koenig & Bauer Qualitronic II
- GICS Lab-Vision
- Konica Minolta: MYIRO-1.

### Specifications for InkZone Move

**Visualization and Verification of**
- Deviations from target density
- Deviations in Delta E
- Visualisation LAB values
- Dot gain
- Gradation
- Best Match
- Wet-dry forecast

**Further Functions**
- Target according to reference values
- Target according to OK sheets

- Storage of every single measurement
- Connection to IZ Loop and IZ Perfect for closed-loop color control and online ink key preset

**Color bars**
- Patch size dependant on scanning device used
- Possible compatibility to existing color bars

**Measurement Specifications**
- Individually defined density values
- Values for dot gain increase according to standards
- Pre-defined reference values of international standard