

InkZone TVI From Press to Plate to Print

Standard quality control in modern offset printing involves measuring color bars using sophisticated scanning spectrophotometers. These scanners collect color information data over one or several



press runs. InkZone TVI takes this information and calculates the ideal tonal value curves for every prepress workflow resulting in perfectly calibrated offset plates.

Today's international standards for offset print production (e.g. ISO, G7) are defining exact parameters for colors and TVI. To print with consistent TVI's within those standards, the prepress workflow (Rip) has to be fed with individual calibration curves to generate perfect offset printing plates.

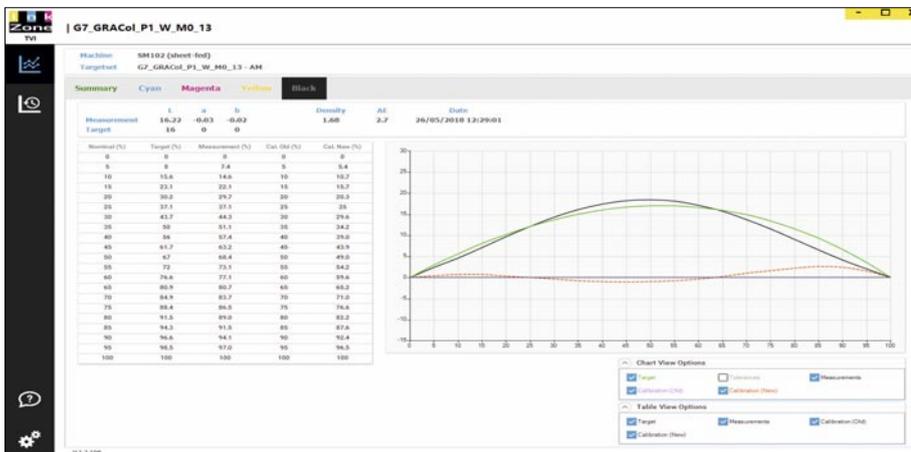
One color scan for everything

InkZone TVI collects and analyzes the color data needed to build calibration curves from the color bar used on the offset press for controlling the ink keys. Every color scan's data is stored in the InkZone database and used to calculate the best calibration curve for nearly all

prepress workflows and CTP devices. InkZone TVI eliminates the need to print dedicated test jobs, to do spot measurements, or to manually edit TVI curves.

One InkZone TVI license covers up to three offset presses and supports any paper type, any target, and all available prepress workflow connections. Of course, InkZone TVI supports CMYK and spot color calibration.

With this state of the art user interface and easy handling of calibration curve data, InkZone TVI is the perfect tool for every modern offset print production company.



Visualization of optimized TVI by InkZone TVI.

Technical Specifications

- Installed InkZone Report Software.
- Spectral data from color bar scans out of InkZone Report.

InkZone TVI and 3rd Party Color Servers

InkZone in key preset and closed loop color control is an open solution, capable of importing and exporting many different color data file formats. With the optional software enhancements IZ Report and IZ TVI, the complete IZ production suite can be linked to most Color Servers on the market. Popular data formats for this task are CxF and CGATS.

State of the art Color Servers are able to convert any input prepress data automated into the right color space,

e.g. for your offset printing operation. This kind of color conversion can also lead to reduced ink usage: Another cost saving step for your daily production.

The offset press color characterization data can be delivered by InkZone Report/TVI. This data is based on those hundreds of press sheet color scans carried out by InkZone driving your offset presses. Color Servers are finally converting all your data automated into the perfect final output for offset print-

ing. There is no need for regular plate curve editing anymore.

Color Servers on the Market

- Alwan ColorHub
- GMG ColorServer
- ColorLogic ZePrA Smart Color Server
- CGS Press Matcher

Several prepress workflows are also capable of acting as color servers. Ask your local InkZone representative.