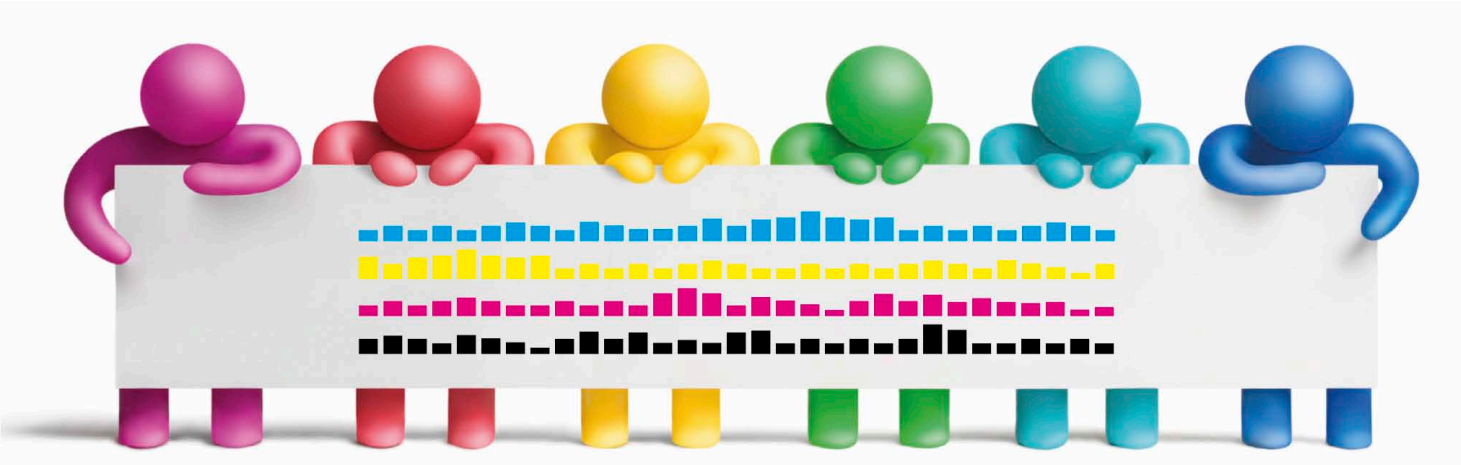
FlatLine™

Speed up ink key setting to achieve ISO 12647

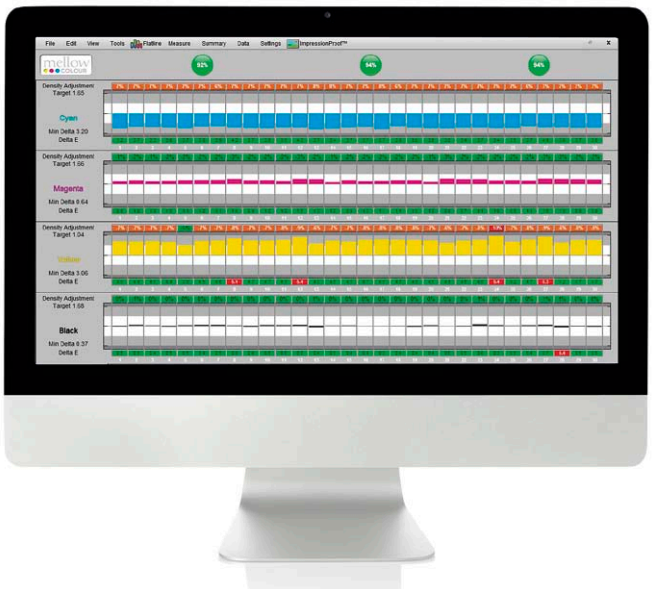


FlatLine – long strips, inking deviation and multiple reports

FlatLine works with long strips to provide inking deviation and multiple colour quality reports.

In combination with press side scanning spectrophotometers or on-press closed loop systems, Flatline is used to speed up ink key setting to achieve ISO 12647 compliance and brand colour targets.

Multiple reports provide accurate feedback of print colour quality across the sheet, avoiding the compromise and inaccuracies of averaged colour values.



Benefits of FlatLine

- Ink key setting and print run verification system
- Reduce the ink setting component of make ready times
- Accurately measure and improve print run consistency
- ISO 12647 Quality Systems compliant
- Multiple reports from long strips, with no averaging of measurements
- Respect of on-press closed-loop colour bar requirements
- Import of measured data from a variety of on-press closed-loop systems

mellow COLOUR
Colour quality management in print

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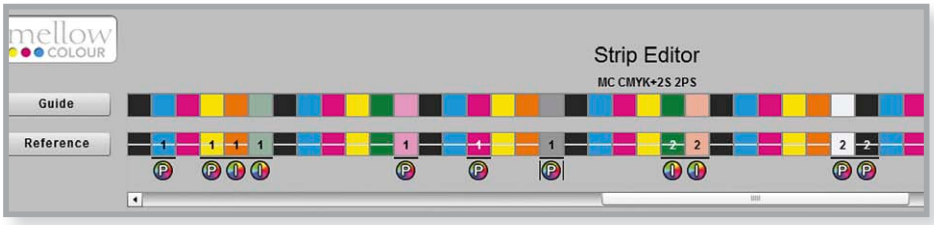
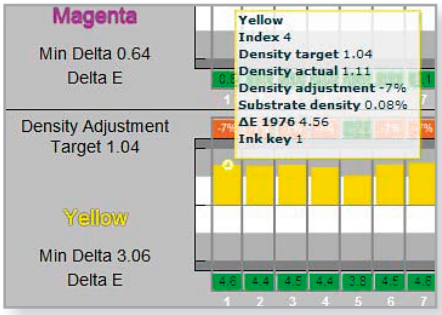
FlatLine™

FlatLine includes an innovative press control strip generator that uses powerful and flexible interactive drag and drop functionality to produce control strips for individual presses.

Patches for reporting, in conjunction with patches for ink key control, are intuitively configured and grouped for both optimal ink key control and reporting.

Intelligent colour strip creation respects the requirements of on press closed-loop colour, whilst providing optimal Mellow Colour print colour quality reporting.





So how does it work?

During make ready the strip is measured by one of a range of scanning instruments. Flatline displays the target densities required to achieve ISO compliance, with an inking deviation display for each ink key.

Min Delta provides information on the closest possible DeltaE to the ISO colour target across the sheet and from sheet to sheet.

The printer manually adjusts the ink keys based on the Flatline information and soon develops the relationship between ink key adjustment, density and DeltaE, which can reduce the ink setting part of make ready times by as much as fifty percent.

ISO compliance quality reports are automatically generated at time of measurement.

With the majority of on-press closed loop systems, measured data can be imported into Flatline with the automatic generation of ISO compliance reports.

Our product family includes:

PrintSpec - allowing you to match your print to ISO12647 – a common objective for Printers & Clients.

InkSpec - a comprehensive colour management system addressing the need for systematic, measurable production control of special and brand colours.

FlatLine - used in conjunction with a range of press side scanning spectrophotometers to speed up ink key setting to achieve ISO12647 compliance.

ImpressionProof - ImpressionProof utilises 'Comparative Proofing' technology to allow printers to use press ready pdf's and spectrophotometry to compare how the job should look, to how it does look. Clients can use ImpressionProof for remote print run approval.

RetroSpec - analysis of trends and variation throughout individual jobs and across multiple print runs.

MellowCloud - a secure portal that allows printers and customers to exchange colour data and print run reports.

Colour Quality Training - we provide on-site colour theory & colour management training courses for occasional & advanced users. Courses can be constructed with a print buyer, design, pre-press or pressroom bias.

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