



Get in the ISO 12647 game with PrintSpec



PrintSpec – standardising the printing process

PrintSpec allows you to match your print to ISO 12647/G7, or any other international or in house standard.

Improving colour consistency in your organisation while reducing make-ready times & waste, PrintSpec is the ideal tool for colour professionals with an interest in producing high quality print complying with the targets and tolerances of ISO 12647/G7.

PrintSpec allows Printers to generate comprehensive ISO 12647 pass/fail reports generated from the small press control strip placed along with production CMYK printed work.

Printers requiring a system for straightforward ISO verification will need PrintSpec software plus a spectrophotometer for measuring the PrintSpec strip. A variety of popular spectrophotometers are supported.

PrintSpec presents the data in a visual, easy to understand summary page, with the ability to go into more in-depth information on other pages. The summary page includes information about the CMYK inks, the overprinted colours, the Dot Gain (TVI) and Grey balance. A quantifiable 'Percentage of Excellence' scoring system is built in.

The up to date targets and tolerances of ISO 12647, SWOP and GRACol are selectable from pull down menus, and custom in house standards can be generated for special applications.

Benefits of PrintSpec

- CMYK colour control & verification software
- Standardised print appearance job to job, press to press
- Shorten make-ready times, reduce waste and match proofs
- Consistent colour - a common objective for Printers and Clients



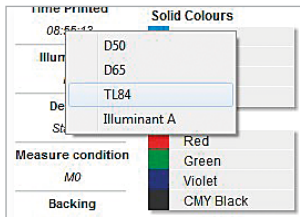


So how does it work?

Using a spectrophotometer the printer measures a colour control strip, which is run along with production work. A comprehensive report is generated, presenting L*a*b* values, dot gain and grey balance values in charts, alongside either the ISO specified targets, or if the user wishes, in-house targets for comparison. Key features of the PrintSpec report include:

Print Validation

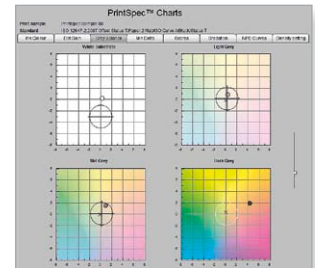
The comprehensive Summary Page incorporates a standardised scoring system that includes automatic grey balance calculation adapted to the substrate being used.



PrintSpec uses spectral data exclusively so that the effects of non standard lighting can be evaluated on critical colours in proofs and prints.

Production

Min Delta and Density adjustment is provided to assist with optimum inking and target Lab's.

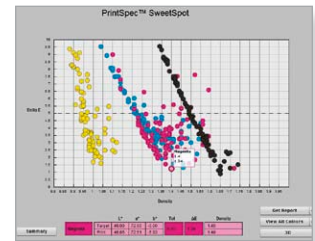


Press Calibration

Press calibration is highly comprehensive including iterative adjustment, export of curves to a variety of CtP systems and calibration of digital presses.

Print Curves - Smoothed curve shaping for TVI compensation including iterative calibration for non-linear plates and digital presses.

SweetSpot allows the user to accurately set press room instrument density targets that accommodate inter instrument differences and the effects of dry back.



A whole range of commonly used substrates are taken into account when defining the target densities that produce the tightest ISO 12647 compliance.



Proof Verification

PrintSpec comes complete with our ProofSpec proof verification module.

Simple Summary labels, along with detailed DeltaE and DeltaH reporting of every patch, provide comprehensive proof verification and analysis tools.

A range of standard proofing strips are supported, including Fogra and IDEAlliance.

Tolerances to ISO12647-7 are included, supported by a wide range of targets.

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.