



SCANDIFF2

TO BE SURE TO PRINT THE RIGHT JOB

Scandiff2 is an out of line system dedicated to the comparison of digital files. Scandiff2 helps you to find out any mistake in the groundwork for the new job.

DIFFERENT FUNCTIONALITIES FOR DIFFERENT NEEDS

It is possible to use Scandiff2 either in the pre-press department to compare the pdf files or to use it in the production process to detect problems on the offset plate. Scandiff2 can measure the colour variation (delta E) in different phases of the production. Scandiff2 can be used for three different kinds of controls:

PDF/PDF

This functionality enables the comparison of the customer's first pdf file with the same pdf file processed during the pre-printing. It is possible to detect defects introduced by the operator who processes digital files and it is also possible to detect any errors introduced by the file conversion into different formats.

PDF/BITMAP

With this feature it is possible to compare the first printing result with the pdf file provided by the customer. It is possible to find out errors which come up during the processing of the plates or clichés.

Control and PDF comparison of PRINTED MATERIAL BASED ON DIGITAL FILES



BITMAP/BITMAP

This functionality is useful to compare two different print results. It can be used for comparing one of the labels with all the other labels within a printing format, or for comparing a previous taken printing sample with a new print job.

SCANDIFF2

TECHNICAL FEATURES

Scandiff2 has a renew operator interface with very intuitive procedures.

Standard features are:

- Filtering and stretching algorithm on the image to compensate the differences between digital file and real print
- Easy alignment between master and inspected image
- Adjustable and configurable tolerances
- Quick zoom function with possibility to accept defects
- Automatic storing of each job
- Resolution configurable up to 1200 dpi
- Control of each figure within the printing format
- Great reliability in the detection
- Possibility to use Scandiff2 with a remote station
- Report and certification of the control
- L*a*b colour measurement function for colour comparison
- Windows Seven-64bit operating system
- Scandiff2-CD, dedicated system for CD and DVD market



TECHNICAL DATA

	PDF/PDF	PDF/BITMAP	BITMAP/BITMAP
Preview scanning time*	ND	20s	20s
Scanning time*	ND	60s	60s
Master storing time*	60s	60s	60s
Control time*	20s	20s	20s
Total time*	1:20 min	2:40 min	3:40 min
Computer	Dell T3600 Quad core (6Gb ram)	Dell T3600 Quad core (6Gb ram)	Dell T3600 Quad core (6Gb ram)
Monitor	LCD 24" 16/9	LCD 24" 16/9	LCD 24" 16/9
Scanner A3	NO	Epson GT-20000	Epson GT-20000
Resolution	Up to 1200 dpi	Up to 600 dpi	Up to 600 dpi
Controls	Missing print, missing text, wrong font conversion, wrong layout.	Missing print, missing text, wrong font conversion, mis-registration, problem on the print.	Missing print, mis-registration, missing text, wrong font conversion, problem on the print, colour variation
Lab color measurement	Yes	No	Yes
Min defect size*	Ø 0,15mm	Ø 0,2mm	Ø 0,15mm

* Data for 100Mb image (A4 format at 600 dpi)

Technical data and system specifications refer to the state at the time of printing. We reserve the right to modify them in the interest of a continuous program of further development.