

Press release

September 10, 2009
- for immediate release -

TECHKON announces SpectroJet

Unique „spectrophotometer on wheels“ makes quality control in print easy and safe



TECHKON GmbH, a leading supplier of quality control devices for the Graphic industry presents **SpectroJet**, a „spectrophotometer on wheels“ which automatically measures the densities and color values of process- and spot-colors and simultaneously transfers the measurement data to a PC within seconds.

It revolutionizes automatic measurement on any color control bar for any printing process. The device is simply guided by hand along the color test patches. Tracking wheels on the bottom

ensure a straight run. Simultaneously the accurate, spectral measurement data is sent to the PC where all relevant information for controlling the printing press is displayed.

SpectroJet is equipped with a high resolution spectral sensor element including a true physical, switchable polarizing filter which analyzes the color samples under standardized conditions meeting ISO and Gracol G7 requirements. The measurement data can be exported into other software applications that connect real-time to printing presses to enable a 'closed loop' turn-key solution. One unique feature is its flexibility to be used with any press type or format. It is delivered as a complete turn-key system.

The system allows controlling a printing press precisely which results in shorter set-up time, less paper waste and increased print quality.

Due to the trend of smaller print jobs and shorter press runs the time from starting a press to getting it "in color" and running with consistent quality is cost critical. The use of TECHKON color control devices reduces this "non-productive" set-up time dramatically. Profitability will be increased thanks to substantially reducing paper and ink waste and getting more precious running time out of the press. Printing jobs get predictable and calculable.

Increasing customer demands require that the press run is printed according to defined and documented industry print standards. **TECHKON SpectroJet** and the related PC-software **ExPresso** are practical utilities that adhere to standards as for example ISO 12647 and Gracol G7.

Combined with the Windows software **TECHKON ExPresso**, all important measurement data are displayed on the computer screen. The program also shows the trend of the print quality over the complete print run. Ink zone specific density information, recommendations how to set the printing press „in color“, the display of gray balance values and the storing of OK-Sheets are additional features of the easy-to-use program.

SpectroJet is one out of a valuable product palette of powerful solutions for ensuring highest print quality throughout the complete production process. It is the ideal extension to TECHKON's renown hand held instruments **SpectroPlate** -the perfect tool for accurately reading printing plates, **SpectroDens** -the mobile, multi-purpose spectro-densitometer, and **SpectroDrive** – the completely automated measurement system.

About TECHKON

TECHKON GmbH is a leading manufacturer of densitometers, spectrophotometers and software solutions for the graphic arts industry with a more than 20-year experience in the product development and manufacturing of high-end measurement systems. Thanks to their exceptionally easy handling, high measurement accuracy and reliability, TECHKON devices are popular in all sectors of the printing industry worldwide. The company is located in Königstein near Frankfurt/Germany and has offices in Japan and the USA. The highly-skilled, service-oriented TECHKON personnel helps customers identify the right product for their specific application.

TECHKON, as a leading innovator of high quality products for the printing industry, has established "four basic rules of perfect measurement" all TECHKON products perform to:

1. easy and quick operation
2. high measurement accuracy
3. robust engineering and reliability
4. ergonomic and functional design

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