

Measurement devices... ... for perfect Color Control

BLACK-AND-WHITE DENSITOMETER

- T 120 / RT 120
- LP 20 / LP 40

The **black-and-white Densitometer T 120** can measure densities (up to $D = 6$) and dot percentages on films quickly and precisely. The **RT 120** additionally features a reflective function for measurement on polyester printing plates and black-and-white prints. By simply snapping the densitometer onto the optional **light plate LP 20** or **LP 40**, you create an integrated measurement system that combines the power of large table systems with the ease of battery-powered portability. The **T 120** and **RT 120 Densitometers** are ideal utilities for calibration of imagesetters and CtP-systems.



COLOR-DENSITOMETER

- R 410 / R 410e

These measurement instruments master all measurement processes known in densitometry: Density, density differential, dot spread, dot gain, print contrast and printing plate measurement to Yule-Nielsen. The **R 410e** additionally features the measurement functions trapping, grayness and hue error. These extremely reliable and robust measurement devices can be connected via an integrated serial port to a PC or a Macintosh. High precision and ease of use make the **R 410 / R410e** an invaluable tool for quality printing.



SCAN-DENSITOMETER

- RS 400
- RS 800

The TECHKON scanning devices revolutionize automatic measurements of densities and dot gain on any print control strip. The measurement device is simply guided by hand over the print control strip. Guided tracking wheels on the bottom of the device ensure a straight run. The **Scan-Densitometer RS 400** is designed for 4-color printing and the **Scan-Spectrometer RS 800** with spectral technology is especially well suited for spot colors. Combined with the Windows software **TECHKON ExPresso**, all important measurement data are displayed on the computer screen. This lets you precisely control a printing machine and results in shorter set-up time, less paper waste and increased print quality.



SPECTRO-DENSITOMETER

- SD 620

The new **Spectro-Densitometer SD 620** combines the measurement principle of a high-power spectrophotometer with the easy operability of a densitometer. All density-related functions that are relevant in the print workshop or pre-press including those for special inks are called up via an intuitive user menu. A powerful feature of the **SD 620** is the measurement of densities, dot gain and related functions of special inks. Naturally, this measurement device also features the easy positioning and high reliability of other TECHKON devices.



DIGITAL MICROSCOPE

- DMS 910

The **Digital MicroScope DMS 910** reveals what the eye alone cannot see. In large magnification the screen dots of a film or a printing plate are displayed on a computer screen. The Windows software **TECHKON DMS Pro** uses this digital picture to automatically calculate exact values for dot area, screen width and screen angle. The Digital MicroScope registers different screening technologies (AM and FM rasters). The **DMS 910** is an indispensable aid for calibration of film and plate setters.



PRINT CONTROL STRIPS

- TCS 300 / 325 / 400

TCS print control strips are arranged by ink zones. Each ink zone contains a complete set of test patches for solid density. Other elements included are patches for 40% and 80% dot area, gray balance, slur and doubling, trapping and highlight patches. The control strips are available on film as well as digital files.



MINITARGET SYSTEM

• MTC 920

Using state-of-the art digital camera technology a special test element called **MiniTarget** is captured by the **MiniTarget Camera MTC 920** with just one shot. The handheld device MTC 920 is positioned on the compact MiniTarget. The finder on top of the device permits exact targeting. Densitometric, colorimetric and registration data is calculated and displayed by the Windows software **TECHKON MTC Pro**. Thanks to the compact size of the **MiniTarget** with dimensions of only 7 x 10 mm, which was developed by Ugra/FOGRA, it can be positioned at various locations within the printing sheet. The fast measurement, easy handling and clear data display make the MTC system a valuable tool for the quality control in newspaper printing.



SPECTROPHOTOMETER

• SP 820 / SP 830

The **Spectrophotometers SP 820** and **SP 830** are the key to professional management of colors. These handy measurement devices satisfy the highest demands of precision and reliability. They feature all current colorimetric functions including the display of remission curves. The measuring module consists of a fixed grating-diode-unit with high spectral resolution. Due to the fixed positioning of the optical components the device has no moving parts and is thus extremely robust. Additionally the **SP 830** offers an insertable polarizing filter and densitometric functions - even for special inks.



COLOR MANAGEMENT

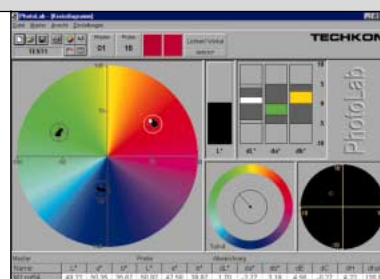
• SP 810
• TestChart Reader

TECHKON supplies a comprehensive system-based solution for achieving high-quality color reproduction in pre-press and print. The **TestChart Reader TCR** can be used for automatic measurement of test standards in association with **Spectrophotometer SP 810**. The measurement device is clipped onto the carriage of the **TCR**; under computer control every color patch is then measured. This process runs fully automatically and is complete within a few minutes, even for the largest testcharts. The included software **TCR Read** enables any given testchart to be measured.



SOFTWARE

All TECHKON measurement devices can be connected via a serial port to a PC or Macintosh. With **TECHKON EXChange** you can transfer measurement values directly into Microsoft EXCEL. The **TECHKON PhotoLab** program is meant for colorimetric analysis and control in print. The **TECHKON QS Pro** software features multiple options for control and adjustment of characteristic printing curves in multi-color printing. Programs for creating ICC-profiles and for color matching complement the software range.



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Please send me additional Information:

- ☐ Black-and-White Densitometer
- ☐ Color-Densitometer
- ☐ Print Control Strips
- ☐ Spectrophotometer
- ☐ Color Management
- ☐ Software
- ☐ Other

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