

**TECHKON<sup>®</sup>**

<http://www.lexusa.com/scanrs800.html>

# RS 800 Scanning Instrument

RS 800 Scan Spectrometer



LE Product Info



## Prices

Part #	Model	Price
250023 *	RS 800, Scan Spectrometer	\$7,895

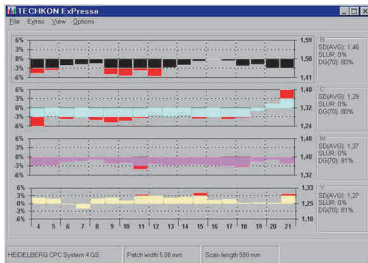
\* Software and a PC are required

### TECHKON Software

Quality assurance programs are available for the RS 800. The windows software, TECHKON EXPRESSO PRO, is designed for analyzing and displaying measurements of spot colors and is therefore the software of choice for the RS 800 Scan Spectrometer. EXPRESSO PRO takes the measurement values of the device and displays the ink zone specific density values on a computer screen. This permits precise control of printing machines, thus enabling shorter set-up times, less paper waste and higher print quality. Multiple functions like gray balance, trapping, tolerance settings and selection of standardization parameters permit the use of this software for machine diagnosis.

The instrument is connected via the serial port of a PC. Then the software is started in Windows.

The software, TECHKON EXCHANGE, allows transferring of the measured values into MS EXCEL.



### TECHKON TCS print control strips

The TCS print control strips are important utilities for quality assurance in pre-press and print. The arrangement of the individual test patches on the control strips is ink-zone specific. The TCS is offered in three different format: TCS 300, 325 & 400 for 30, 32.5 and 40 mm.

## For More Information

For more information about our products and services visit [www.lexusa.com](http://www.lexusa.com) on the World Wide Web or call 203-794-9580 or fax to 203-794-1708. You also can send E-mail to these departments  
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## Specification Sheet RS 800 Scanning Instrument

### Product Information

The compact Scan-Spectrometer RS 800 revolutionizes automatic measurements of densities and dot gains on any print control strip, color wedge or test chart. Operation is easy. The ergonomically designed measurement device fits securely in your hand. Quickly glide it over the print test strip. The different measuring fields and their position on the control strip are automatically recognized. Tracking wheels on the bottom of the device ensure a secure and straight run. On large format print sheets, the RS 800 is slid along a guiding track.

When measuring an image, the instrument is guided from a defined starting point to a select point in the image with high repetitive accuracy. This permits precise determination of gray and color balance on exactly the same spot in the image. It's just as easy to obtain a density profile of color gradings. The high measurement rate of eight measurements per millimeter guarantees accurate measuring results, even with very small color patches.

The Scan-Spectrometer RS 800 is especially designed for measuring spot colors thanks to its high-resolution spectral engine. The instrument can also be used as a standard handheld device for single measurements by positioning the instrument on the color field and depressing the measuring button. Measuring on printing plates is just as easy.

High precision, reliability and ergonomic handling make this scanning unit a valuable tool for color printing.

### Technical Data

Model	RS 800
Measuring Method	spectral density, according to DIN 16536/ISO 5-3
Spectral Range	400 to 700 nm
Density Standards	DIN E, Status T, Status I
Polarization Filters	2 x linear
Measuring Range	0.000 - 2.500 D
Measuring Aperture	3 x 1.5 mm ø
Measuring Light	2856 ±100 K
Measuring Geometry	0° / 45°
Photodiodes	4 GaAsP diodes
Repeatability	±0.005 D
Scanning Parameters	scanning speed max. 150 mm/s mallest measuring field widths 3 mm simultaneous 16-band spectral measurement
Interface	serial RS 232, 115 kBaud
Power Supply	AC adapter 100-240 V / 47-63 Hz
Dimensions (HWL) and Weight	6 x 64 x 186 mm, 480 g
System Requirements	PC with Windows 9x or NT and a free serial port.

### Accessories

Part Number	Description	Price
250055	TCS PRINT CONTROL FILM. Specify 30, 32.5, OR 40mm	\$115.00
250056	T CS PRINT CONTROL DIGITAL EPS FILES. For one workstation.	\$175.00
250064	TECHKON EXCHANGE SOFTWARE w/Data Cable. For Windows	\$59.00
250067	TECHKON EXPRESSO PRO SOFTWARE includes 250056 TCS PRINT CONTROL DIGITAL EPS FILES.	\$3,450.00

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