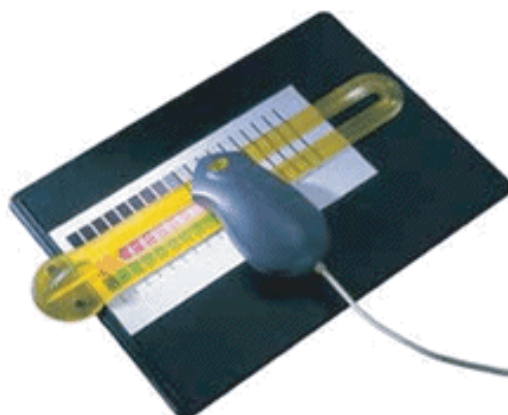


# SPECTROCAM™



- Scanning Spectrophotometer
- Colorimeter and Densitometer
- Monitor Calibrator
- Spectral Camera

## What is the Spectrocam?

The Spectrocam is a breakthrough 4-in-1 instrument that serves as a scanning spectrophotometer, colorimeter and densitometer, monitor calibrator and spectral camera. With its unique patent pending design, the Spectrocam exceeds the specifications of high-end spectrophotometers as it offers the speed of a spectral scanner at a fraction of the price. A great add-on to an ICC profiling package, such as Praxisoft Compass Profile Software, the Spectrocam allows you to calibrate your printer, monitor or printing press quickly and accurately. The Spectrocam is delivered with all the necessary accessories for scanning and calibrating unit, white reference target and color measurement software.

## Who needs the Spectrocam?

Have you been searching for a breakthrough color tool that boasts power *and* affordability? The Spectrocam is the perfect 4-in-1 tool for all your color management needs. The Spectrocam meets ISO standards for color measurement and is more versatile than any other handheld spectrophotometer on the market today. Whether you are a graphic designer, prepress specialist or printing press operator, the Spectrocam has been designed to meet your demands for quick and accurate color control.

Features	Benefits
Aperture: 1.5 x 2mm	Reflectance range: 0 to 160%
ISO Std. Geometry: 0° (± 5°)	Typ. Measuring Time: 0.4 sec (based on 12 readings)
Spectral Range: 380-750nm	Short-term repeatability on white: Typ. 0.1 DE
Optical Res.: 5nm (75 bands)	Interinstrument accuracy: Target 0.2 DE Avg. 12 BCRA tiles
Bandwidth: 20nm	White calibration traceable: European Community Bureau of Reference
Wavelength calibration: < 2nm	
Spectral reporting: 5nm interval	
Analog-to-Digital Converter: 12 bits	

<b>Specro Densitometer</b>
Density range: -0.200 to + 3.00
Measuring time: Typ. 0.4 sec (based on 12 readings)
Short term repeatability on white: Typ. 0.002 (max. 0.004)
Linearity: Typ. 0.003 (max. 0.005) at D=0.500

<b>Spectral Camera</b>	<b>Software</b>
	Spectrocam software (Windows 95, 98, NT and Mac OS 7.5 or higher) includes functions such as:
Field of View: < = 10°	Display of spectral measurement values, CIE XYZ, xyY, Luv, Lab, LCH, correlated color temp., whiteness index, HSB, RGB
Shutter speed: 1/2000 to 1 sec	Display of density values: Status A, T, E, I and DIN 16536-
Data transmission rate: Up to 35 spectral images per sec	Display of color difference values: DE, DE (94), DE (CMC)
	Choice of Observers: CIE 2° and 10° human observer
	Choice of illuminants: A, C, E, D50, D55, D65, D75
	Export of measurement data into text file, MS Excel 95, 97

# PRODUCT OVERVIEW