

The all in one Spectrodensitometer to be used at the press.



Density, Dot Gain, Dot Area

Gray Balance

Trapping, Print Sequence

Lab		ΔE 16.0	L 47.7	C 0.192
L 48.5	ΔL -0.5	a 68.9	M 1.200	
a -55.6	Δa -15.4	b -5.7	Y 0.555	
b 25.3	Δb -4.0	ΔE 5.0	K 0.599	

CIE Lab, CIE Lch dE74, dE2000 Spot Color Check 4 Color books with 8 references each and AUTO color detection

Ideal for fixed color palette printing

ISO CD 20654 - Spot Color Tone Value (SCTV)

Press Data

Compensation with Murray Davis

Compensation with SCTV

- A** Optimal ink transfer is the basic prerequisite for a bright sharp image of the correct color. Check the solid density in density mode to verify the actual ink transfer.
- B** The human eye is very sensitive to neutral gray. Compare the balance patch with the black 40% tint patch in balance difference mode to ensure a neutral gray printing.
- C** There are many reasons for color differences in the printing process. Check and evaluate visual color difference with the delta E.
- D** Correct dot gain is essential for high quality printing in terms of both the sharpness of the mid-tones and their color rendition. Measure the mid-tone dot gain and the shadow dot gain.
- E** Optimal press pressures and rolling conditions are vital to enable correct ink transfer and ensure the maximum run life of the plate. Check the equality of the absolute area of the line elements these need to be accurate for the optimum setting of the press pressures.

