

# PRESS ROOM

CHEMICALS/CONSUMABLES | MEASURING DEVICES | SPECIAL ENGINEERING | STROBES

## SPECTRODENS – SPECTRO-DENSITOMETER

All Colors under perfect Control

Order No.: C01-0204 ff.



### A measurement device for all applications

Using measurement technology for quality assurance in print is a universally accepted practise this days. SpectroDens is your all-purpose, modern measurement device. Whether it be in pre-print for verifying proofs, for ongoing quality control at the printing press, during delivery inspection of paper and print products or in a color lab, SpectroDens is exceptionally suitable, whatever your application. Thanks to the individually adjustable display functions, you can quickly set up the device for your particular job.

### FUNCTIONS

We supply SpectroDens in three types of performance packages: The model Basic with the essential density functions, the Advanced version which adds extended densitometry functions, colorimetry and a color library and as the flagship model the comprehensive Premium device. You can upgrade the devices post-purchase to higher performance levels by program upload.

#### SpectroDens Basic

- Automatic density
- Density CMYK (with reference measurements)
- Dot area
- Dot gain
- Print contrast
- Gray and color balance
- Ink trapping
- Printing curve (short scan)
- Density spectrum
- Spectral density for spot colors
- Trend function ExPresso mini
- Slur/doubling
- Dot area to Yule-Nielsen for printing plates
- Spot Colour Tone Value (SCTV)
- Spot Colour Tone Value (SCTV) Printing curve (short scan)
- Average

#### SpectroDens Advanced

- Same functions as SpectroDens Basic and additionally:
- CIE L\*a\*b\*
  - CIE L\*a\*b\* + D
  - G7™ (short scan)
  - $\Delta E^*a^*b^*$
  - CIE L\*C\*h\*ab
  - CIE XYZ
  - CIE color circle
  - $\Delta E^*cmc$
  - $\Delta E^*CIE94$
  - $\Delta E^*CIE2000$
  - Emission spectrum
  - InkCheck: Color control of spot colors
  - Color library with up to 20 color books and a total number of 25000 reference values
  - Memory capacity for 3000 sample values and 300 reference values

#### SpectroDens Premium

- Same functions as SpectroDens Advanced and additionally:
- Ugra/Fogra media wedge evaluation (short scan)
  - ISO-Check: Color control based on CIE L\*a\*b\* values (short scan)
  - CIE L\*u\*v\*
  - CIE L\*C\*h\*uv
  - CIE xyY
  - DIN Lab99
  - Metamery index
  - Whiteness
  - Yellowness
  - Universal scan measurement
  - Pass/fail tolerance
  - Opacity
  - OBA-Check

PRE-PRESS

PRESS ROOM

SERVICE