

Techkon SpectroDens Basic

BRAKENSIEK®
SYSTEMHAUS



Techkon spectral densitometer SpectroDens Basic

New emergency

With the SpectroDens we give you a modern instrument in the hand, that's for the density and color measurement can be used universally. In the pre-print for verifying proofs, for ongoing quality control on the press, during delivery inspection of paper and print products or in a color lab, SpectroDens is ideally suited for the particular application.

As a spectro-densitometer, SpectroDens the precision of a spectrophotometer with the ease of use of a densitometer. The complete color information - so to speak, the spectral fingerprint of the color - is accurate. From the spectral density values, and can now colorimetric values.

The device operates in accordance with the standards and norms of the graphic arts industry. As a simple example of the Ugra / FOGRA Media Wedge evaluate reliably and rapidly, as it toggles between colorimetric measurement without polarization filter and density measurement with filter at the push of a button.

About the USB cable you can connect the monitor to the PC. The included Windows software SpectroDens Connect the measuring range of information on the computer screen, generates

All advantages at a glance:

- + Patented measurement head for exact and safe positioning
- + Attractive, ergonomic design
- + Convenient and compact
- + Self-explanatory operation
- + Large, high resolution graphics display
- + Automatic measurement always shows the correct measurement function
- Polarizing filter + keystroke of a button
- + Accurate, fast measurement (about 1 second)
- + At least 10,000 measurements per battery charge
- + Quick recharge on practical charging console

Features:

- + Automatic measurement
- + Density CMYK
- + Dot area, dot gain
- + Gray and color balance
- + Ink trapping to Preucil
- + Print Contrast

Measuring time:

about 1 second per measurement

White reference:

Absolute and relative

Absolute white standard and integrated charging unit staubgeschütztin

Types of light / angle:

A, C, D50, D65 / 2 °, 10 °

Density filters:

DIN 16536, DIN 16536 NB, ISO / ANSI T, ISO / ANSI I,
ISO E, Dmax (Advanced and Premium version)

Density measurement range:

0.00D - 2.50D

Reproducibility

0.01 D

0.03 CIE dEab

Manufacturing tolerance:

0.01 D

0.3 CIE dEab

Power supply:

Rechargeable Ni-MH battery,

Controlled charging via charging console, power adapter,

110 - 240 V, 47 - 63 Hz,

At least 10,000 measurements per battery charge

Battery level control

Display:

High-contrast, glare-free LCD graphic display,

240 x 160 pixels, 16 gray levels, contrast adjustable

Weight:

520 grams

Interface:

USB port



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