

Gretag D200-II überholt und neu zertifiziert



D200-II, the transmission densitometer for professionals

The D 200-II transmission densitometer from GretagMacbeth is the unit of choice for all applications in the field of:

- reproduction
- desktop publishing
- photo typesetting

as well as for technical and medical applications.

Thanks to the microprocessor control (e.g., the controlled measuring lamp) the D 200-II features the highest accuracy within the entire measuring range, up to 6.0 D. The unit is easy to use and it is very rugged, in other words, it is the densitometer for the professional. Changing the measuring aperture and the measuring tube is a one-step operation making it easy to set up the unit for your particular application. The D 200-II meets the highest demands, no matter whether your application includes silver or diazo film, continuous tone, halftone or lineart material.

Specifications

Display digital, LCD

Measuring geometry specular / diffuse

Color temperature light source approx. 3000 Kelvin

Calibration zero point: automatic, slope: for density

Apertures Ø 1 mm, Ø 2 mm, Ø 3 mm, slotted aperture 0.3 mm x 3 mm

Reproducibility ± 0.01 D (in the range of 0 to 4 D)

Linearity ± 0.01 D (in the range of 0 to 4 D)

Interinstrument ± 0.02 D (in the range of 0 to 4 D)
agreement

Measuring ranges density 0 – > 6 D

(apertures Ø 2 resp. Ø 3 mm)

density 0 – > 5.5 D

(aperture Ø 1 mm resp. slotted aperture)

dot area 0-100%, positive / negative

Resolution 0.01 D / 1% and 0.001 D / 0.1%

0.001 D (in the range of 0 to 1 D)

0.1% (in the range of 0.0% to 99.9%)

Spectral characteristics V (I) standard

Material to be measured max. 15 mm thick, max. 610 mm wide

Warm-up time none

Dimensions 47 cm x 31 cm x 17.5 cm

Length of measuring arm 32 cm

Light table 37.5 cm x 31 cm

Weight approx. 7 kg

Options special measuring tubes

aperture Ø 0.5 mm

serial interface

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**Brakensiek Systemhaus
GmbH & Co. KG
Klönnestraße 94
D-44143 Dortmund**

www.brakensiek.com

 **+49(0)231.985-00 10**

 **+49(0)231.985-2000**

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Tim Brakensiek