

# Densitometer D19C

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Densitometer D19C

Reflecting densitometer for the measurement of printing

The D19C unites mature measuring technology with an easy service and high loading capacity:

- exact positioning by extendable measuring head
- high-quality, patented ring optics
- Software for the controlled, sure use of the measuring functions
- Polarisation filter
- for Right and left-hander swivelling announcement
- high-resolution display capable of graphics

D19C technical data

Service: Operating wheel and measuring key

Announcement: Digitally LCD, 160 x 128 pixels, full graphics

Measuring geometry: 0°/45°-ring optics

Source of light: Electric light bulb, approx. in 2856 K

Spectral filter: Filter sentence 47 B German Institute for Standardization 16536

Filter sentence 47 status ANSI t

Filter sentence NB German Institute for Standardization 16536 Interference filter

Filter sentence SPI ISO status I Interference filter

Measuring area: 0.00 D - 2.50 D

Ability for reproduction:  $\pm 0,01$  D

$\pm 1\%$  for surface cover

Linearity:  $\pm 0,01$  D resp.  $\pm 1\%$

Copy dispersion:  $\pm 0,02$  D resp.  $\pm 2\%$

Measuring screen:  $\varnothing$  3.6 mm

Comparison: Steepness: for density measurement

Zero: automatically

Polarisation filter: 2x linearly (Tubus P)

Anwärmzeit: none

Electricity supply: Accumulator NiMH, nom. 7.2 V, in 1000 mAh

Accumulator NiCd, nom. 7.2 V, 600 mAh

Loading time: approx. 3 h, automatic disconnection

Loading state: autom. Control and announcement of the capacity, additional lithium battery for data memory

Measurements per load: approx. in 6000 (with accumulator NiMH)

Measuring time: approx. 0.8 sec

Data interface: RS232, remote control of the densitometer by a computer possibly (exact documents on inquiry)

Clock: Date and exact time

Weight: approx. 890 g

Dimensions: 8.3 x 8.0 x 24.5 cm

Accessories: Standard map, battery charger, operating instructions

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