

# Densitometer Gretag D185 47 B P



Gretag densitometer D185/47B/P

Non-new

#### Specifications

Display: Digital LCD

Measurement geometry 0 ° / 45 ° - ring optics

Light Source: Si photodiode

Colour Filter - Filter Set 47B - DIN 16536

- Filter Set 47 - ANSI Status T

- Interference Filters - DIN 16536

- Visual - V ( $\lambda$ ), CIE / ANSI PH 2:18

Measuring range: 0.00d - 2.50D (0.00d-2.20D, Yellow NB)

0% - 100%

Repeatability: + / - 0.01 D

+ / - 1% (for 10% -100% coverage)

Linearity: + / - 0.01 D, respectively. + / - 1%

Manufacturing tolerance: + / - 0.002D, respectively. + / - 2%

Orifice diameter: 3.6 mm

Balance: - Slope for Density measurement

- Zero point automatically

Polarizing filters: linear 2x (tube P)

Warm-up: no

Power supply: battery, nom. 7.2V, 600mA

Charging time: about 14h

Charging state: auto. Control and display

Measurements per charge: about 4000

Measuring time: 0.8 s

Data interface: RS232, unipolar, 5V TTL level

Baud Rate: 1200 bps

Parity: none

Format: 1 start bit, 8 data bits, 1 stop bit

Data transmission in ASCII format

Remote operation of the densitometer by a remote computer

Weight: about 850g

Dimensions: 7.9 x 7, 6x22cm

Accessories: calibration card charger, manual

The certification has expired, the batteries must be replaced. The device is no longer manufactured by Gretag.

Purpose: spare parts inventory. The above text is taken from the handbook.

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