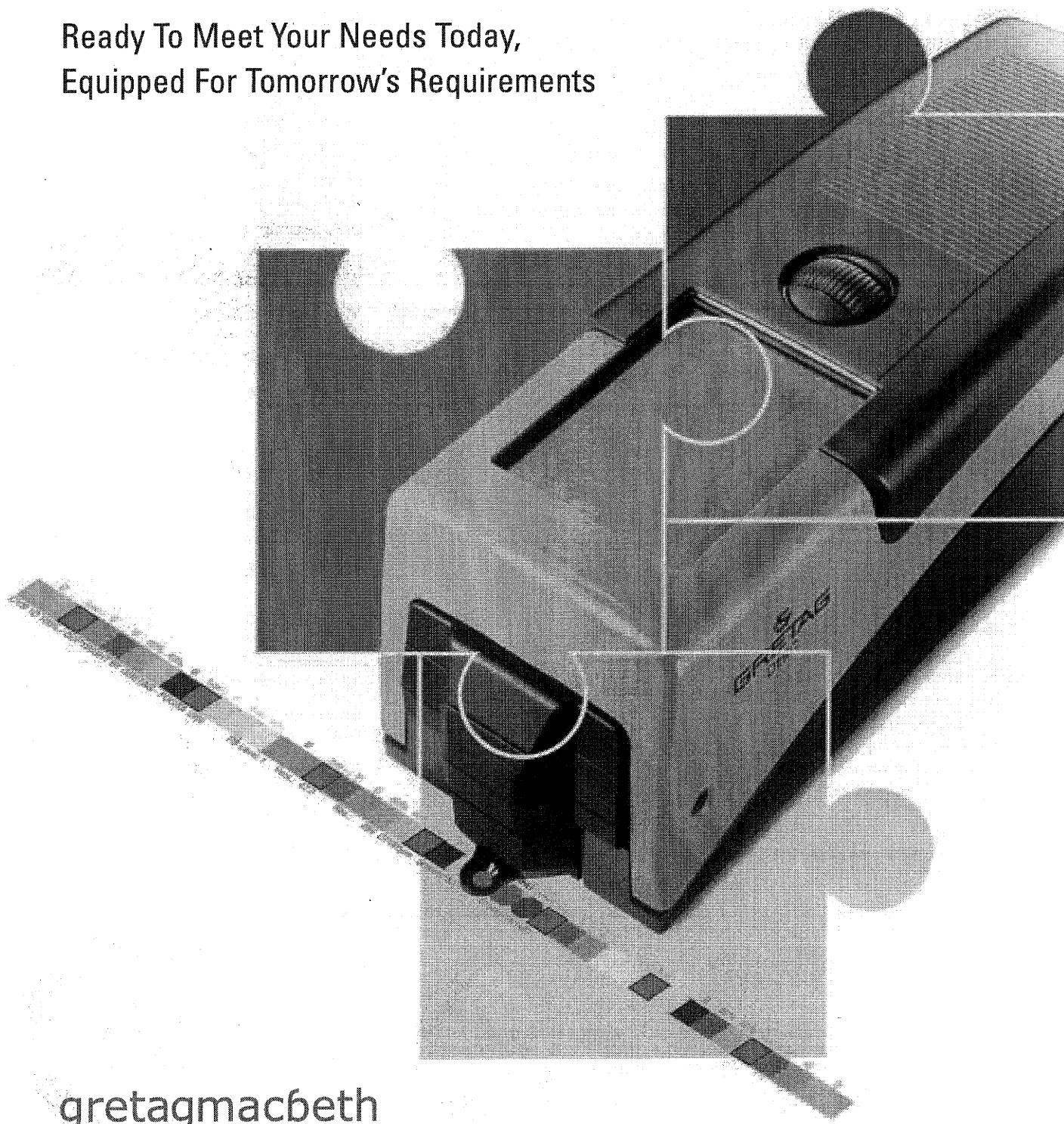


D19C Densitometer

Ready To Meet Your Needs Today,
Equipped For Tomorrow's Requirements



gretagmacbeth
YOUR COLOR. PRECISELY.



GretagMacbeth ColorNet™

D19C

Specifications

Basic model functions are already checked. Choose the additional functions you would like and put together your made-to-measure densitometer.

Measuring functions

- ☒ Density
 - ☐ All densities, gray balance
 - ☐ Density difference
 - ☐ All Density differences
 - ☐ Dot gain
 - ☐ Impression line
 - ☐ Dot area
 - ☐ Printing plate measurement
 - ☐ Contrast
 - ☐ Trapping
 - ☐ Hue error / Grayness
 - ☐ Auto Function 1 / Auto Function 2
 - ☐ User password protection
- ☒ Automatic color detection
- ☒ Polarization filters
 - ☐ Without Polarization filters
- ☒ Normed filters for all standard colors and black
- ☒ Display reversal
- ☒ Display contrast adjustable
- ☒ Interface for printer / computer
- ☒ Measurement data with date and time printable
- ☒ Extendable measuring head
- ☒ Step-by-step user guidance with the control wheel
- ☒ 32 reference values stored
- ☒ Ring lens system
- ☒ Data interface RS 232 C

Operation

Control wheel and measuring key

Display

Digital LCD, 160 x 128 pixels, full graphics

Measuring geometry

0°/45° Ring lens system

Light source

Filament bulb approx. 2856 K

Color filter:

Filter set 47B DIN 16536

Filter set 47 ANSI status T

Filter set NB DIN 16536 interference filter

Filter set SPI ISO status I interference filter

Measuring range

0.00 D – 2.50 D

Reproducibility

± 0.01 D

± 1 % (for dot area)

Linearity

± 0.01 D or ± 1 %

Interinstrument agreement

± 0.02 D or ± 2 %

Measuring aperture

Ø 3.6 mm (9/64 in)

Calibration

Slope: For density measurement

Zero: Automatic

Polarization filter

2x linear (tube P)

Warm-up time

none

Power supply

Rechargeable battery NiMH, nom. 7.2 V, 1000 mAh, Rechargeable battery NiCd, nom. 7.2 V, 600 mAh

Charge time

approx. 3 hours, automatic disconnection

Charge status

automatic capacity checking and display; additional lithium battery for data memory

Measurements per charge

approx. 6'000

(with rechargeable battery NiMH)

Measuring time

approx. 0.8 s

Data interface

RS 232 C. Densitometer can be controlled by a remote computer (details available on request)

Clock

Date and exact time

Weight

approx. 890 g (1.96 lb)

Dimensions

8.3 x 8.0 x 24.5 cm (3.3 x 3.2 x 9.6 in)

Accessories

Calibration card, operating manual, charger

Specifications subject to change without notice

For more information on the D19C, please contact your nearest GretagMacbeth representative.

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