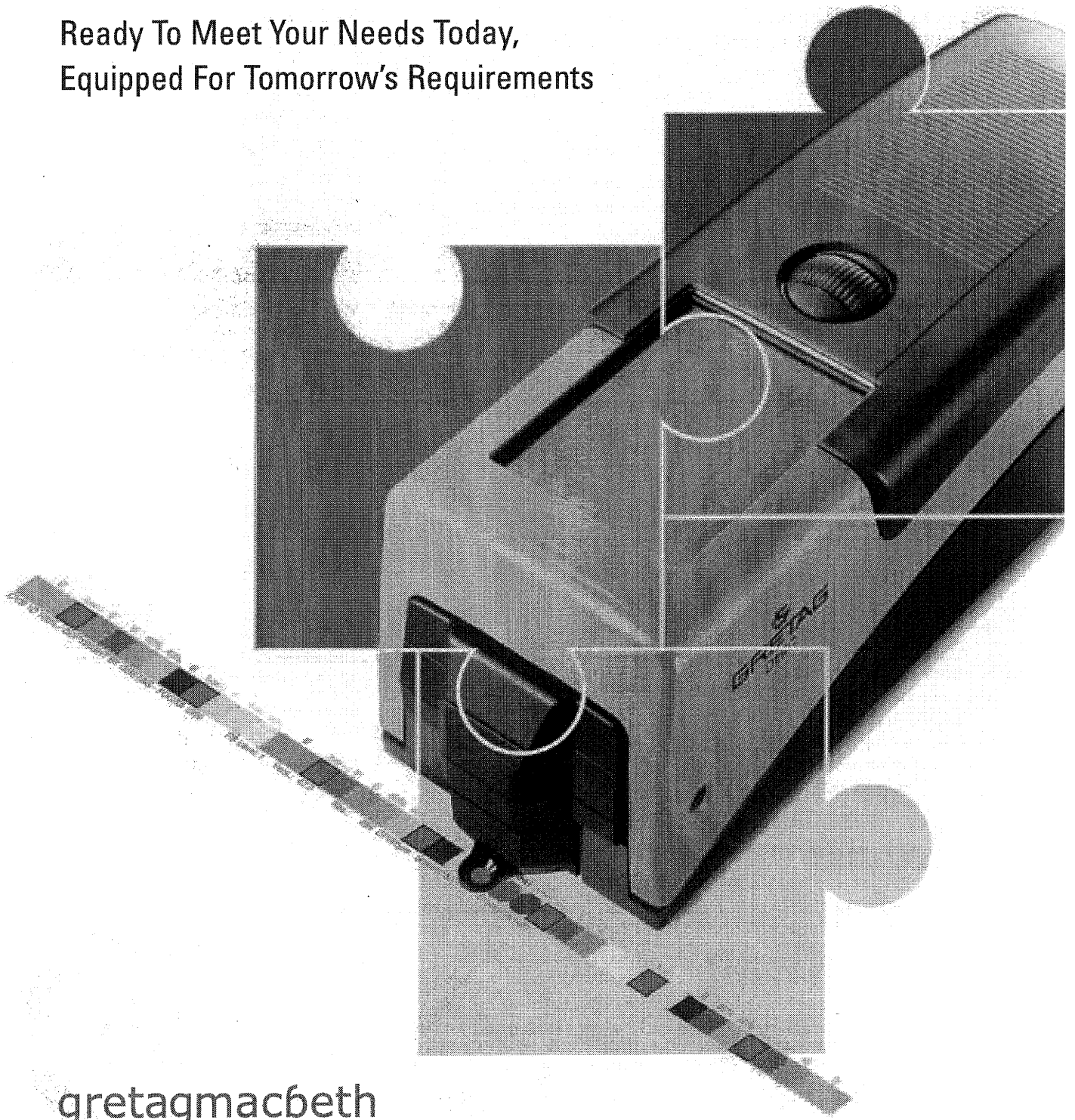


# D19C Densitometer

Ready To Meet Your Needs Today,  
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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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