THE TOBIAS

Plate-Chek™

COLOR REFLECTION PLATE DENSITOMETER

- **Measures Dot Area on CTP as well as conventionally processed plates.**

- **Automatic spectral selection to enhance reading sensitivity of plate image.**

- **Clear plastic target provides easy viewing of measuring area.**

- **Simple directions in English appear on the large LCD screen; high contrast display is easy to read at virtually any angle.**

- **Stores base and solid values for subsequent readings.**

- **Smooth, non-scratch base protects plate surface.**

- **Easy software calibration. Eliminates trial-and-error screwdriver adjustments.**

- **Several thousand readings per battery charge. Also runs from the AC/DC adapter/charger.**

- **Automatic shutoff after 90 seconds of non-use conserves battery life. Displays last reading on power up.**

TOBIAS ASSOCIATES, INC.

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SPECIFICATIONS

DESIGN

Electronics................... Microprocessor control
Optical Design.............................ANSI PH 2.17
Filter Response.................Status T wide band
Measurement Area.................3 mm (1.6 mm opt.)
Display........................Supertwist liquid crystal
32 x 80 dot matrix
Character size
 Large ....3/8" high
 Small.. 3/16" high
Data Output Port................................... RS-232
Output Connector...............................DB25P/S
Power Source......................NiCad Battery Pack
Adapter/charger
Recharge time.....................................14 hours
Dimensions..................... 7½" L x 4" W x 3¼" H
(190 x 102 x 82mm)
Width Across Handle............... 2 7/8" (70 mm)
Weight..1¾ lb. (0.8 kg)

PERFORMANCE

Measurement Functions.......... Dot area (Yule)
Density
Software Control Functions ..Serial data format
Zero and gain calibration
Independent slope control
Serial baud rate (300-19200)
Automatic handshake selection

Accuracy...±0.02 D
Precision...±0.01 D
Zero Stability.............................. ±0.01 D/8 hrs.

STANDARD ACCESSORIES

Instruction manual
Ceramic calibration plaque
Serial interface cable
AC adapter/charger
Carrying case
Interface cable, Macintosh (Opt.)

"CREATIVE BY DESIGN — PROVEN BY PERFORMANCE"