



Tobias IQ 150™

This advanced densitometer provides the easiest means of density readings available. Using a completely menu-driven program, the IQ 150 quickly computes the main densitometric functions: density, density difference, dot area and dot gain.

With easy-to-understand prompts and step-by-step directions to guide you through each function, you'll find you don't need the user's manual. Mechanical adjustments are also unnecessary. Multi-step procedures are eliminated with simultaneous measurement and display of all filter densities. Even the instrument calibration is calculated entirely by the software, eliminating time-consuming hand adjustments. Even with these innovative functions, the IQ 150 is surprisingly affordable. It's a real workhorse that many printers rely on.

FEATURES

- Portable, microprocessor-controlled
- Automatically calculates color reflection density, B&W reflection density, density difference, dot area and dot gain
- Simultaneous display of all filter densities
- Self-guiding prompts for simple operation (Available in English, French or Spanish)
- Large, high-contrast liquid crystal display
- Murray-Davies and Yule-Nielsen dot area calculations:
 - Switch equations at the touch of a button
- Operates from a rechargeable NiCad battery pack or an A.C. adapter/charger
- Automatic battery save: turns off after 90-seconds of non-use
- Several thousand readings per battery charge
- RS-232 output port:
 - Use with a printer for reports, or with a computer for analysis or data storage
 - Select manual or automatic transfer
- Easy software calibration eliminates trial-and-error screwdriver adjustments

TECHNICAL SPECIFICATIONS

MEASUREMENT AREA	3mm (1.6mm optional)
MEASUREMENT RANGE	0.0 to 2.50 density
ACCURACY	±0.02D
PRECISION	±0.01D
ZERO STABILITY	±0.01D/8 hrs.
SOFTWARE CONTROL FUNCTIONS	Zero and gain calibration, serial baud rate (300-19200), serial data format and automatic handshake selection
DATA OUTPUT PORT	RS-232
OUTPUT CONNECTOR	DB25P/S
RECHARGE TIME	14 hours
DIMENSIONS	7-1/2"L x 4"W x 3-1/4"D
WEIGHT	1-3/4 lb
STANDARD ACCESSORIES	Instruction manual, ceramic calibration plaque, serial interface cable, AC adapter/charger and carrying case



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