

TOBIAS

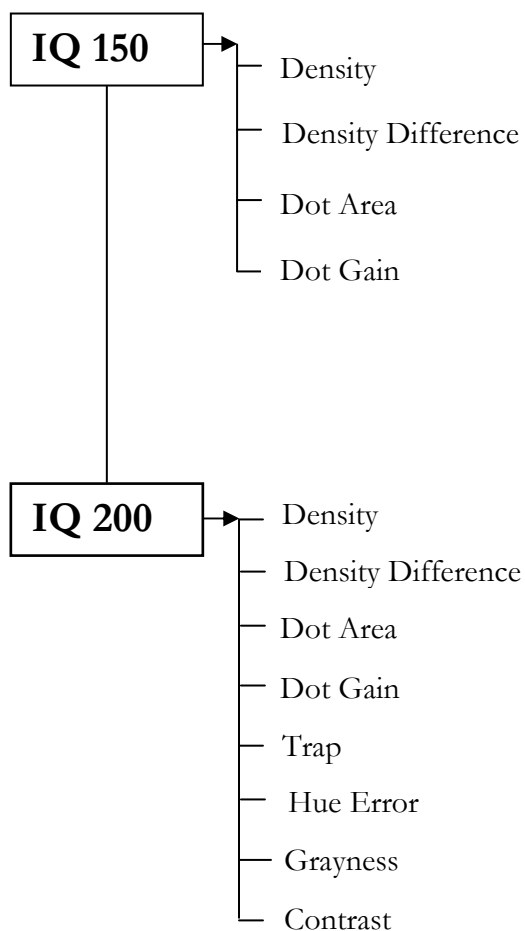
IQ 150™ 200™

COMPUTING
PORTABLE
REFLECTION
DENSITOMETER

The IQ 150/200 Densitometer is engineered with the latest in software technology and is so easy to use that the operator's manual isn't even needed! Yet, these affordable densitometers fulfill your press quality control needs with precision. The

sophisticated optical system was designed for accurate and repeatable density readings of 3mm colorbar targets. A small aperture optical system is also available for measuring narrow colorbars down to 1.6mm.

Features



TOBIAS
ASSOCIATES, INC.

FEATURES

Portable Type	Small and light weight
Easy Operation	Menu-based operation screens with soft menu keys.
Graphic LCD	Large-sized graphic LCD
Small Aperture available	For reading colorbars as narrow as 1/16" (1.5mm)
External Communication Function	RS232
Quick Calibration	It takes seconds to calibrate.

SPECIFICATIONS

Filter Response	Status T or E	Light Source	Gas filled tungsten lamp
Measuring Range	Density 0.00D-2.50D Dot Area 0%-100%	Measuring Geometry	0°/45° ANSI PH2.17
Aperture Diameter	3.0mm (1.6mm optional)	Repeatability	±0.01D
Display	Supertwist liquid crystal (32x80 dots)	Accuracy	±0.02D
Power Supply	7.6V rechargeable Battery Pack	Recharge Time	14 hours
Warm up Time	None	Weight	1.75 lbs (800g)
Operating Temperature	41°F-104°F (5°C-40°C)	Data Output Port	RS-232
Dimension	7.5x4x3.25 in. (190x102x82mm)	Output Connector	RJ11
Measurement Functions	Density Density Difference Dot area (Murray-Davies or Yule-Nielsen) Dot Gain Trap (IQ 200) Hue Error (IQ 200) Grayness (IQ 200)	Software Control Functions	Zero and gain calibration Independent slope control Serial baud rate (300-19200) Serial data format Automatic handshake selection
Standard Accessories	Instruction manual 4/C Calibration Standard Serial interface cable A.C. adapter/charger Carrying case		

Models

IQ 150/200	3 mm Aperture
IQ 150A/200A	1.6 mm Aperture

Languages

English	German
French	Spanish
Italian	Portuguese



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