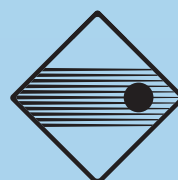


# BARBIERI Densitometers

## Product Review Photographic Densitometers and Software



**BARBIERI**  
electronic  
*When Color Quality counts*

New Design!

## Compact hand-held Densitometers for the Mini-Lab

Maxi-Performance and Mini-Dimensions. These compact hand-held densitometers are a class of their own, for they do not only measure and display color values simultaneously, but also calculate at the same time automatically possible deviations against reference values they have previously stored, and give a warning should limits be exceeded. Thus these high-tech instruments

make immediate process control possible. By means of a PC and the fuzzy logic based QC-Xpert diagnostic software developed by the factory, valuable information on fault elimination in real time is supplied. Thanks to an on-line connection capability to most modern mini-labs they can easily be used for the daily printer set-up.

### Reflection and transmission densitometer

Densy 450E

- Process control of film and paper processes (RA-4, AP94, C-41, AP70, E6, AP44)
- Ideal for use with Mini-Labs
- Line operated

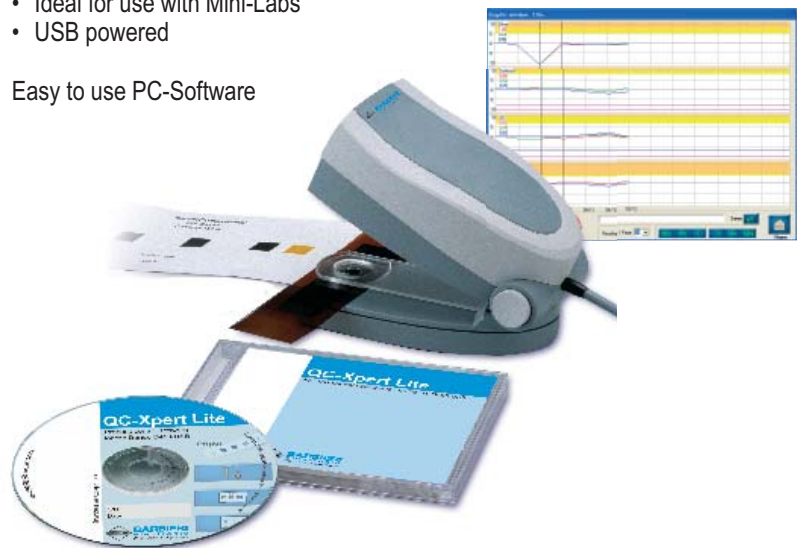


### Reflection and transmission densitometer with USB interface and QC-Xpert Lite Software

Densy 450/USB with QC-Xpert Lite software

- Process control of film and paper processes (RA-4, AP94, C-41, AP70)
- Ideal for use with Mini-Labs
- USB powered

Easy to use PC-Software



### Transmission densitometer

Densy 250E

- Process control for film processes (C-41, AP70, E6, AP44)
- Filmrecorder linearization
- Line operated



### Reflection densitometer

Densy 150E

- On-line operation with most Mini-Labs for printer setup
- Process control for paper processes (RA-4, AP94)
- Line operated



## Black-and-White Densitometers

These instruments are specially developed for process control of the black-and-white film process. They can, for example, automatically evaluate the Kodak B/W control strips. Also process

control parameters, such as the Contrast Index, the sensibility and others, are automatically calculated by these instruments. Furthermore, they can directly be connected to a computer.

### Hand-held black and white transmission densitometer

Densy 230E

- Process control with Kodak T-Max control strips
- Calibration of Image Setters in Pre-Press environment
- Line operated



### Tabletop black and white transmission densitometer

Densy 210E

- Process control with Kodak T-Max control strips
- Calibration of Image Setters in Pre-Press environment
- Tabletop model, different measuring apertures
- Line operated



### Tabletop Infrared densitometer

Densy 210E/IR

- Measurement of cine film sound track
- Tabletop model
- with 900nm filter  
(on request with 800nm filter)
- with slit aperture 0.5x3mm

## Overview Densitometers

	450E	450USB	250E	150E	230E	210E	210IR
Color	•	•	•	•			
B/W	•		•	•	•	•	IR
Paper (RA-4 etc.)	•	•		•			
Negativ Film (C-41 etc.)	•	•	•		•	•	
Rev. Film (E6 etc.)	•		•		•	•	
Automatic control strip evaluation (in/out limit indication)	•	•	•	•	•	•	
QC-Xpert on-line support	•	Lite	•	•	•	•	
Storage channels	9	2	6	3	1	1	
Indication of dot area (%)	•		•	•	•	•	
Variable measure apertures						•	
Serial RS 232C interface	•	USB	•	•	•	•	•

## Quality Control Software

### In-house Quality Control.

Quality control is no longer a time-consuming affair, thanks to the BARBIERI QC-Xpert Quality Control Software for Windows. For five minutes per day you will get an up-to-date diagnostic of your process. No more waste because of missing, delayed or unclear diagnostics.

Diagnostic Software which tells you what to do first, thanks to Fuzzy Logic.

This is the truly revolutionary feature of QC-Xpert, for it is the first system to use fuzzy logic for evaluating sensitometric deviations of control strips. QC-Xpert tells you, where to start to eliminate errors. So you can bring your process in line without delay. QC-Xpert makes diagnostics more reliable, saving time, materials and money.

QC-Xpert is available in five languages: English, German, Italian, French and Spanish.



### QC-Xpert + Densy 450E



More information: [www.BARBIERIelectronic.com](http://www.BARBIERIelectronic.com)

Individual data sheets of each instrument in various languages on request.



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