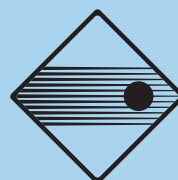


BARBIERI Densitometers

Densy 250E and 450E

Compact Photographic Color Densitometers



BARBIERE
electronic
When Color Quality counts

Densitometers Densy 250E and 450E

Maxi-Performance and Mini-Dimensions

Use

These compact handheld 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 optional QC-Xpert diagnostic software, valuable information on fault elimination in real time is supplied. Thanks to an on-line connection capability to most modern minilabs they can easily be used for the daily printer set-up.

Optimum Performance ensures Reliability.

As to tight tolerances for measuring accuracy, linearity and repeatability they match the highest standards in densitometry, for they are equipped with modern fibre optics and state-of-the-art electronics, thus ensuring reliable performance for many years of heavy duty.

Depending on the model they are equipped for all films (Densy 250E) or all materials (Densy 450E). They also display the visual value for B/W materials.

Ideal Instruments for Desktop Publishing.

In desktop publishing these high-tech densitometers are ideally suited for calibration and control of digital input/output units, such as filmrecorders, color copiers, color printers or color proofing systems. They, therefore, ensure a long lasting accordance and accuracy in color rendition amongst different output equipment.

Specifications

Process Control Functions: Densy

250E: C-41, E-6, AP70, AP44

Densy 450E: RA-4, C-41, E6, AP94, AP70, AP44

Display: Density values and Dot Gain (%)

Measuring Range:

Reflection: 0.000...3.00 D

Transmission: 0.000...4.00 D

Measuring Aperture: 3 mm

Measuring Filters:

Densy 250E: Status A (t)

Densy 450E: Status A (r), Status M (t)

Densy 450E-AA: Status A (r and t)

Accuracy:

Up To 2.00 D +/-0.01 D

Over 2.00 D +/-0.02 D

Repeatability:

Up To 2.00 D +/-0.005 D

Over 2.00 D +/-0.01 D

Power supply: 100-240 V, 50/60 Hz

Output: RS 232C

Dimensions:

Densy 250E: 130x80x60mm

Densy 450E: 130x80x60mm

Dimensions/Net Weight:

Densy 250E: 400g

Densy 450E: 400g

AC-adapter: 200g



Densy 450E

Combined reflection/transmission densitometer for all color and B/W materials
Process control functions for **RA-4, C-41** and **E-6**



Densy 250E

Transmission densitometer for color and B/W films
Process control functions for **C-41** and **E-6**