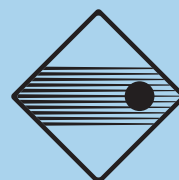


BARBIERI Densitometers

Motion Picture Densitometers



BARBIERI
electronic
When Color Quality counts

Process Control of Negative Film (ECN) Process and Positive Film (ECP) Process

Use

To respond to the special needs of film process control, BARBIERI developed a special film guidance for the well-known hand-held Densitometer Densy 250E.

Available Instruments

- For negative films (ECN Process): Densy 250E with status M filter and 35mm guidance (Model D250C02)
- For positive films (ECP Process): Densy 250E with status A filter and 35mm guidance (Model D250C001)

Technical Characteristics

- Transmission optics
- Special guidance for 35mm films
- Delivered together with a calibration protocol for use in an ISO 9000 quality assurance program
- Possibility to connect directly to a computer by serial port
- Compact and handheld
- Extremely high measuring precision and repeatability

Specifications

- Display: Density values
- Measuring Range: 0.00D...4.00D
- Measuring Aperture: 3mm
- Measuring Filters:
Mod.D250C001: Status A for positive films
Mod.D250C02: Status M for negative films
- Accuracy:
Up To 2.00D +/-0.01D
Over 2.00D +/-0.02D
- Repeatability:
Up To 2.00D +/-0.005D
Over 2.00D +/-0.01D
- Power supply: 100-240V, 50/60Hz
- Output: RS 232C
- Dimensions: 130x80x60mm
- Net Weight: 400g
AC-adapter: 200g



Model D250C02



Model D250C001

Process Control of Sound Tracks

Use

In order to respond to the special needs of process control of sound tracks, the instrument Densy 210E is available in four versions.

Available Instruments

- D210B00: Densy 210E with Visual Filter
- D210B01: Densy 210E/IR with 900nm IR-Filter
- D210B02: Densy 210E/IR with 800nm IR-Filter
- D210B06: Densy 210E/Ortho with ISO type 2 printing density filter

Technical Characteristics

- Transmission optics
- Slit-measuring aperture of 0.5x3mm
- Guiding lines for easy and accurate positioning
- Delivered together with a calibration protocol for use in an ISO 9000 quality assurance program
- Possibility to connect directly to a computer by serial port
- Extremely high measuring precision and repeatability

Specifications

- Display: Density values
- Measuring range: 0.00D...5.00D
- Measuring aperture: 0.3x4mm
- Measuring filter:
D210B00: Visual
D210B01 and D210B02: IR
D210B06: Ortho
- Accuracy:
up to 2.00D +/-0.01D
over 2.00D +/-0.02D
- Repeatability: +/-0.01D
- Power supply: 230 or 110V, 50/60Hz
- Output: RS 232C
- Dimensions: 300x225x130mm
- Net Weight: 3000g



Densy 210E



Guiding lines for positioning