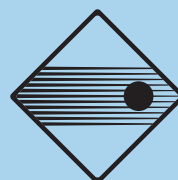


# BARBIERI Densitometers

## 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: 0.5x3mm
- 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