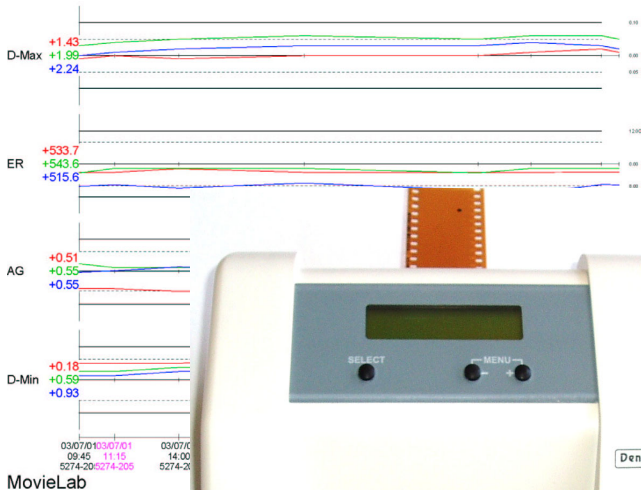


Densy 460

Automatic Strip-Reading Densitometer

for motion-picture process control

Photomec is proud to offer the Barbieri Densy 460 automatic transmission densitometer for motion-picture process control. Two models are available; the Model 460 T-M for Status-M measurements and the Model 460 T-A for Status-A measurements. Both models provide a calculated Visual reading as well as the measured R, G, B readings. They incorporate 16mm and 35mm film guides.



Model 460 densitometers are designed to be used with a data-logging PC and do not function as stand-alone units. (Densy 250 hand-held units are available for stand-alone use.)

A Window's driver is available to allow control strip data to be read directly in to many windows applications, such as Microsoft Excel and Microsoft Word.

For labs that require a ready-made process control solution we offer Windense software.

These units are configured to automatically recognise Kodak's Vision & Vision2 21-step process control strips as described in the 2-04 revision of Kodak Publication H24 Module 1. Optionally they may be programmed to recognise other strip types. Alternatively, strip recognition may be performed in the user's application software.

Strip Recognition:

The densitometer takes R,G,B density reading at intervals of approximately 0.75 mm. When Vision or Vision2 control strips are read and ECN-2 or ECP-2 setup is selected, the Densy 460 firmware selects the appropriate R,G,B readings for each of the 21 density steps and transmits these to the PC.

Alternatively, the Densy 460 may be set to output all of the readings to the PC (around 340 R,G,B triples for a typical 10"/25 cm strip). The user's PC application software may then interpret these and return the appropriate data for the particular strip type.

Specification:

Transmission measuring range: 0...4.00 D

Measuring aperture: 3 mm

Measuring filters:

ANSI Status M for Model 460 T-M

ANSI Status A for Model 460 T-A

Accuracy: ± 0.01 D up to 2.00 D, ± 0.02 D over 2.00 D

Repeatability: ± 0.01 D

Resolution: 0.001 D

Transport speed: ~ 30 mm/sec

Measuring rate: ~ 40 measurements/sec

Interface: serial RS232C

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

Dimensions: 220 x 140 x 80 mm

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