

Portable Digital Densitometer HS500

The HS500 is a robust, easy to use, portable densitometer for measuring the transmission density of x-ray film. The unit has been designed for using in one-site mobile darkrooms, laboratories and offices.

The HS500, with a extremely wide light range of between 650Cd/m² and 320 000 Cd/m², has a density measuring range from **0D to 5.499D** with an accuracy to within 0.03D over an aperture of 3mm in diameter.

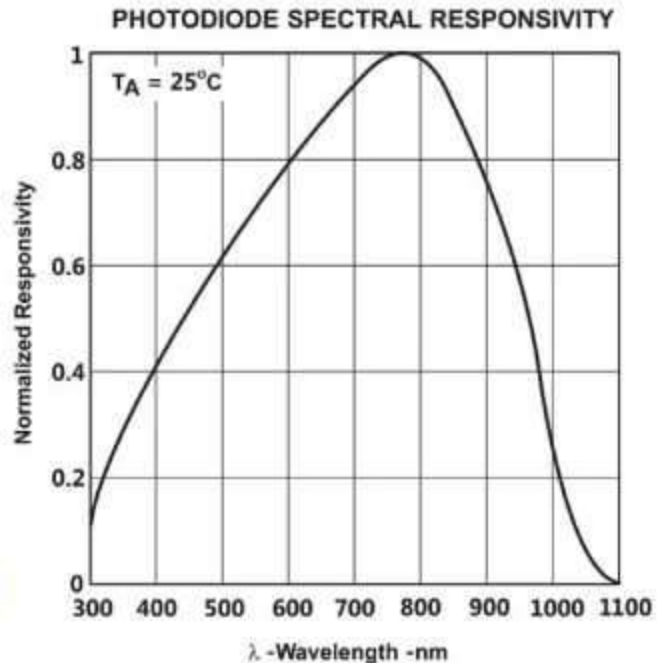
The operator simply places the film on the viewer (emulsion side up), places the probe on the film where the reading is required and the reading will appear on the 4 digit LED screen with white light illuminated display.

And a low battery warning indicator is provided on the digital display. HS500 comes complete with its own battery in a handy sturdy portable smart bag, ready to use straight away.

Technical Specifications:

Range: 650Cd/m²-320 000 Cd/m² (5000Lux - 1000000Lux)
 Density: 0.00-5.499 D*
 Optical Aperture: 3mm diameter
 Probe Temperature compensated
 Display: 4 digit LED
 Accuracy: ±0.03 D
 Resolution: 0.01D
 Repeatability: 0.02D
 Custom calibration range:-0.05 ~ +0.05D (Program Mode)
 Detector: Silicon photodiode
 Power supply: Lithium battery(1200 mAh) &Chargable
 Battery life: 12000 hours
 (Continuous duty, **with illuminated**)
 Dimensions: 170mm x140 mm x 60mm
 Weight: 260g

Data for reference:



Standard Components:

Main unit: 1
 Lithium battery: 1(1200mAh)
 Instruction manual (English): 1
 Leather Bag: 1

Optional Components:

AGFA Density Strip, 15-step, certified