



پتروفہان گستر جنوبی

WWW.DIGINDT.IR

SINUS
High Accuracy Instrumentation Co.

NDT Group

Portable Digital Densitometer

Model No : Hs600

Voltage : 7.4VDC 800mAh

Density : 0.001 ~ 4.499D



High Accuracy 0.03D

No warm-up Time

Program Mode For Costum Calibration

4 Digit LED Display

Lifie Due To Its Low Power Consumption

32bit ARM Processor

Optical Aperture : 3mm Diameter



Portable Digital Densitometer HS600

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 HS600, 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.

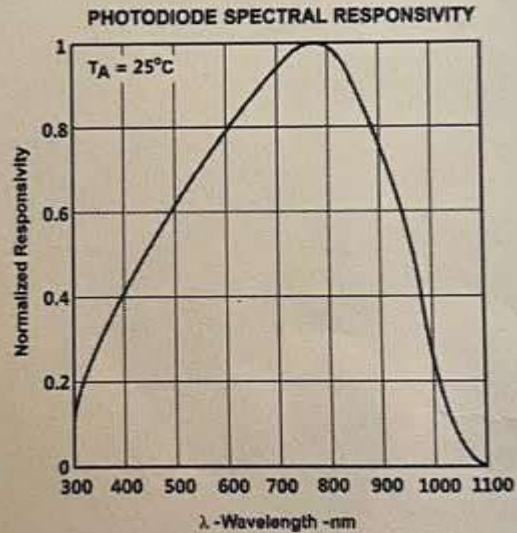
The operator simply places the film on the viewer (emulsion side up), places the probe on the film where the reading is required and the reading will appear on the 4 digit LED screen with white light illuminated display.

And a low battery warning indicator is provided on the digital display. HS600 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(800 mAh) &Chargable
Battery life: 4000 hours
(Continuous duty, with illuminated)
Dimensions:
Weight: 260g

Data for reference:



Standard Components:

Main unit: 1
Lithium battery: 1(800 mAh)
Instruction manual (English): 1

Optional Components:

AGFA Density Strip, 15-step, certified



پتروفیرهان کسٹر جنوب

WWW.DIGINDT.IR

SINUS
High Accuracy Instrumentation Co.

NDT Group

Calibration Certificate

STOUFEER 15 Step Transparent Certified Calibration T1530CC
I.D.#310604

light intensity : 164,000 Lux

Step1: 0.07

Step2: 0.47

Step3: 0.720

Step4: 1.065

Step5: 1.346

Step6: 1.679

Step7: 1.979

Step8: 2.295

Step9: 2.522

Step10: 2.870

Step11: 3.126

Step12: 3.295

Step13: 3.920

Step14: 4.051

Step15: 4.368

Note: This Calibration Sheet Approved by SINUS Lab.
All Right Reserved!

+989034119385

+982165565901

+982144584619