



INDUSTRIAL RADIOGRAPHY SUPPLIES AND SERVICES

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irss.ca
The Canadian LCNDT Distributor



Portable Digital Densitometer DT-100

Features:

- Portable densitometer
- High Accuracy +/- 0.03 D
- No warm-up Time
- One button zero
- Extremely wide light range of 2000 Lux - 1 000 000 Lux
- Light illuminated 4 digit LCD display with low battery indicator
- Long life due to its low power consumption
- Rugged Design, whole alloy aluminum

Portable Digital Densitometer DT-100

The DT-100 is a robust, easy to use portable densitometer for measuring the transmission density of Industrial X-ray film. The unit has been designed for using in mobile darkrooms, laboratories and offices.

The DT-100 has an extremely wide light range of between 5 000 Lux and 1 000 000 Lux. It also has a density measuring range from 0D to 4.5 D with an accuracy to within 0.03 D 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 LCD screen. A low battery warning indicator is provided on the digital display.

DT-100 comes complete with its own battery in a sturdy portable bag-ready to use right away. It can also be purchased with a foam fitted plastic case for extra protection.

Technical Specifications:

Range: 5000 Lux to 1 000 000 Lux

Density: 0.00-4.50D

-We strongly recommend that the DT-100 work with FV series LED viewers. With the FV-2008 series, the maximum density of DT-100 would be <5.00D

Optical Aperture: 3mm diameter

Probe Temperature compensated

Display: 4 digit LCD screen

Accuracy: +/- 0.03 D

Resolution: 0.01 D

Repeatability: +/-0.02 D

Detector: Silicon Photodiode

Power Supply: (AA/1.5V)x2-Alkaline Battery

Battery Life: 1200 hours

(Continuous use, without illuminated background)

Dimensions: 160mm x 65mm x 23mm

Weight: 260g

Standard Components:

DT-100 Densitometer: 1

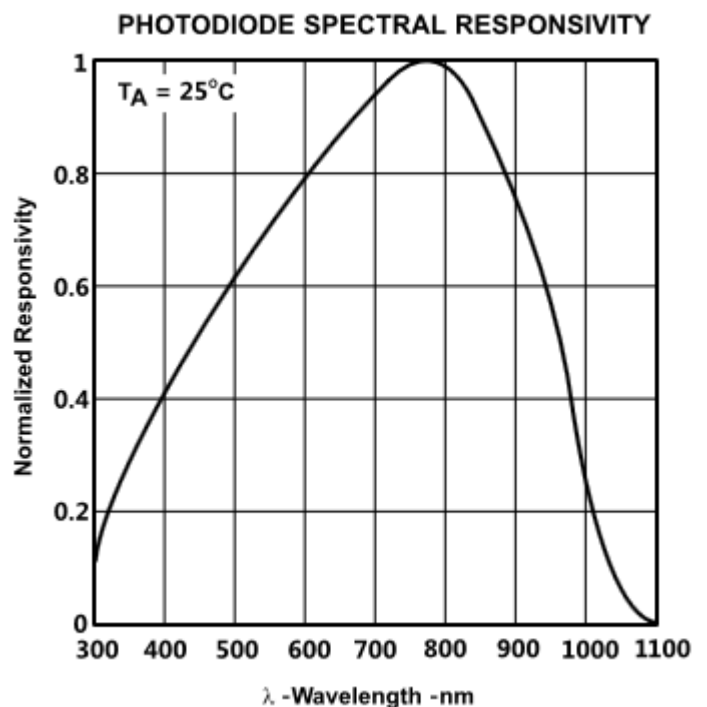
Alkaline Battery: 2

Instruction Manual (English): 1

Test Report (English): 1

Mini Bag: 1

Data for reference:



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