



LCNDT[®]

www.lcndt.net

Black and White Transmission Densitometer DT-300

Characteristic:

LED Lighted Table, 5 steps of luminance and 2 areas for selection

High spot luminance, simplifies location of image areas to measure

Program Mode for custom calibration

The densitometer will remain in proper alignment even though it is picked up by the arm

Calibrated to AGFA film strips

Measuring Range: 0 - 5.0D, High Accuracy ± 0.02 D

No warm-up time

Soft Rubber probe head to protect films

Table Type Digital Densitometer DT-300

The DT-300 is table type design, robust, easy to use, densitometer for measuring the black and white transmission x-ray film. The unit has been designed for using in darkrooms, laboratories and offices.

It provides highly repeatable and accurate measurements of film densities up to 5.0D. Because of high luminance of spot light, it is more subtle than can be seen by the naked eye.

The LED light table can be dimmed in 5 steps. And there are 2 sections of light for choose. You can easily see and measure film by this densitometer.

Technical Specifications:

Density: 0.00-5.00 D with 2mm aperture
0.00-4.00D with 1mm aperture
Probe Temperature compensated
Display: 4 digit LED
Accuracy: ± 0.02 D
Resolution: 0.01D
Repeatability: 0.01D
Custom calibration range: -0.19 ~ +0.19D (Program Mode)
Warm up time: No need
Detector: Silicon photodiode
Light source: LED
Power supply: 90V-264V AC / 47-63Hz
Dimensions: 360mm x 260mm x 120mm
Weight: 1.7Kg

Standard Components:

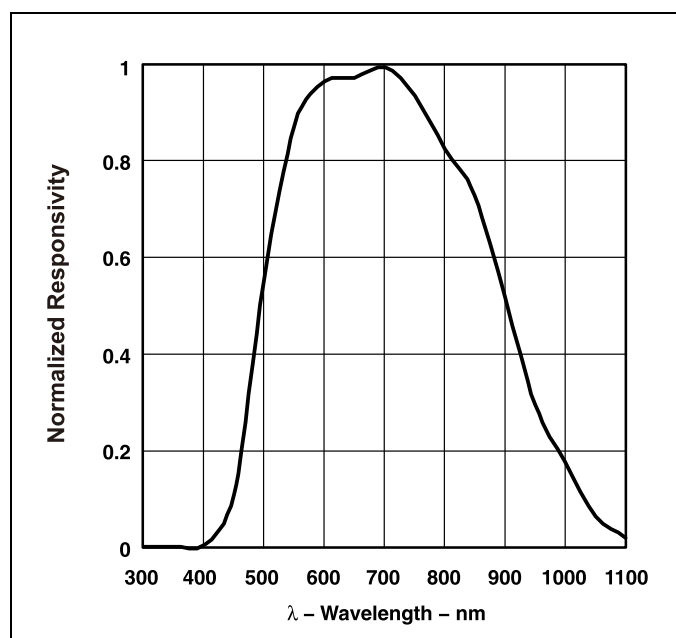
Main unit: 1
Aperature: 2 (1mm, 2mm[default])
Instruction manual (English): 1
Test Report(English): 1

Optional Components:

AGFA Density Strip, 15-step, certified

Data for reference:

PHOTODIODE SPECTRAL RESPONSIVITY



LCNDT®

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