



**LCNDT**<sup>®</sup>

[www.lcndt.net](http://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  $\pm 0.02$  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 and 3mm apertures  
0.00-4.00D with 1mm aperture  
Probe Temperature compensated  
Display: 4 digit LED  
Accuracy:  $\pm 0.02$  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:

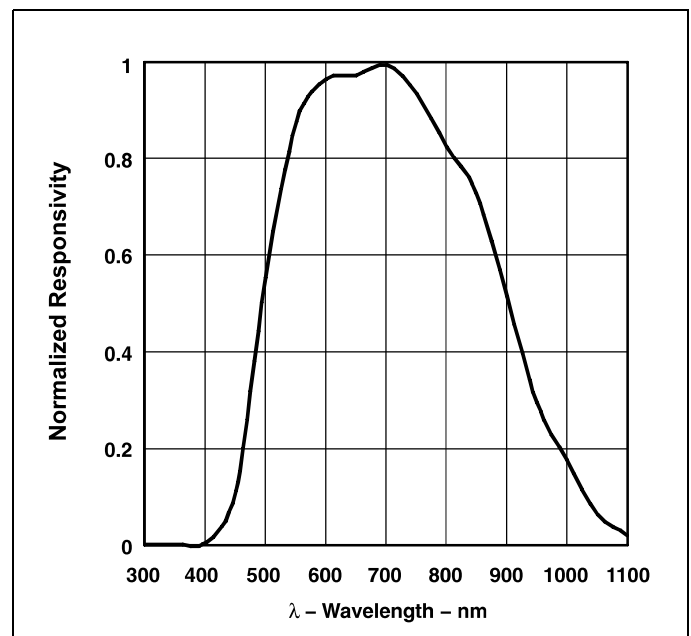
Main unit: 1  
Aperture: 3 (1mm, 2mm[default], 3mm)  
Instruction manual (English): 1  
Test Report(English): 1

### Optional Components:

AGFA Density Strip, 15-step, certified

### Data for reference:

#### PHOTODIODE SPECTRAL RESPONSIVITY



**LCNDT**®



7952 Nieman Road, Lenexa, KS 66214-1560 USA  
Phone: 913-685-0675, Fax: 913-685-1125  
[www.ndtsupply.com](http://www.ndtsupply.com), [sales@ndtsupply.com](mailto:sales@ndtsupply.com)