



**LCNDT**®

[www.lcndt.net](http://www.lcndt.net)

## Portable Digital Densitometer DT-100

### Characteristic:

Handy portable type densitometer

High Accuracy  $\pm 0.03$  D

No warm-up time

Program Mode for custom calibration

Extremely wide light range of between  $650 \text{ Cd/m}^2$  and  $320\,000 \text{ Cd/m}^2$

Light illuminated 4 digit LCD display with low battery indicator

Long life due to its low power consumption

Rugged design, whole alloy aluminium

USB connect to PC for calibration - **New Added**

Micro USB  
(Connect to PC For Calibration)



# Portable Digital Densitometer DT-100

## Technical Specifications:

Range: 650Cd/m<sup>2</sup>-320 000 Cd/m<sup>2</sup>(5000Lux - 1000 000Lux)

Density: 0.00-5.00 D\*

\* We strongly suggest DT-100 work with FV series LED viewers.

Optical Aperture: 3mm diameter

Probe Temperature compensated

Display: 4 digit LCD

Accuracy: ±0.03 D

Resolution: 0.01D

Repeatability: 0.02D

Custom calibration range:-0.19 ~ +0.19D (Program Mode)

Detector: Silicon photodiode

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

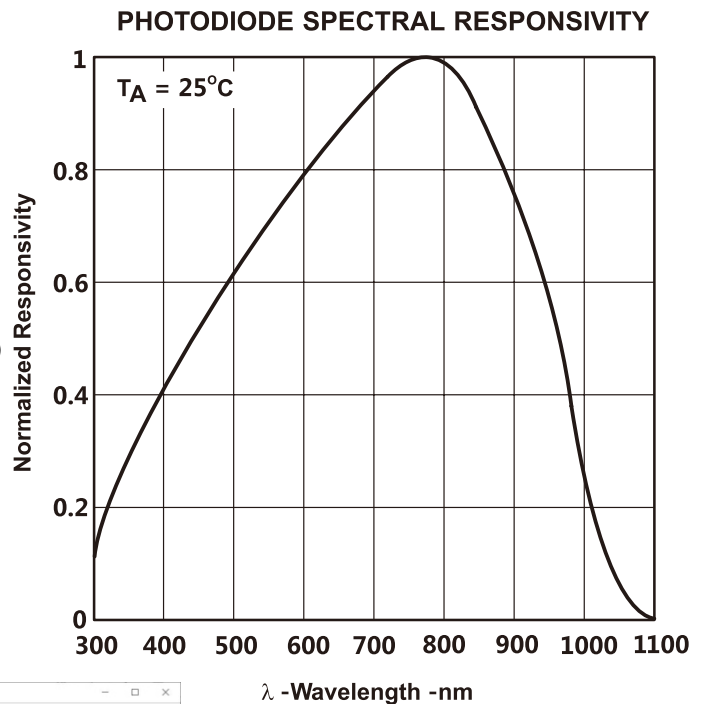
Battery life: 1200 hours

(Continuous duty, without illuminated)

Dimensions: 160mm x 65mm x 23mm

Weight: 260g

## Data for reference:



## PC Utility interface(use USB cable connect with PC):

Densitometer Communicator

Calibration

STEP:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
REF:	0.15	0.29	0.59	0.88	1.17	1.46	1.75	2.04	2.33	2.65	2.96	3.23	3.52	3.82	4.14	
Actual:	0.15	0.3	0.62	0.92	1.22	1.53	1.83	2.12	2.43	2.75	3.05	3.33	3.62	3.93	4.26	

Chart

Input number of Steps: 15

Settings: Com: COM3

Software Version: V1.0

Add Logs

ID	Density	Date	Remarks
0	0.04	2021/8/26 21:48:05	test1
1	0.04	2021/8/26 21:49:39	test2
3	-0.12	2021/8/26 21:49:45	

Logs function only valid for DT-300

## Standard Components:

Main unit: 1  
 Micro USB CABLE(1M): 1  
 Alkaline Battery: -  
 Instruction manual (English): 1  
 Test Report(English): 1  
 Leather Bag: 1

## Optional Components:

AGFA Density Strip, 15-step, certified

You can easily recalibrate your DT-100 with this utility, it fit to any density strips available in market.

\*Support Win7/Win8/Win10 X86/X64 and higher.

# LCNDT®

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