



NIEUWKOOP

METEN.NL

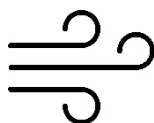
QUICK MANUAL



LX1015

LUX/°C METER

0-200.000 LUX



TO MEASURE  TO KNOW



Introduction

We thank you for purchasing a Nieuwkoop Lux/°C meter.

To use the instrument optimally, we recommend that you first read the entire (English) operating instructions carefully.

Features

- Large measuring range (0-200,000lux / 0-20,000Fc)
- Automatic scale distribution and zero adjustment
- 'One-touch' push buttons
- Min-max value
- Temperature measurement
- Silicone photo sensor for accurate measurement and long lifetime
- Illuminated display
- Easy to use
- Automatic switch-off after a long period of non-use.

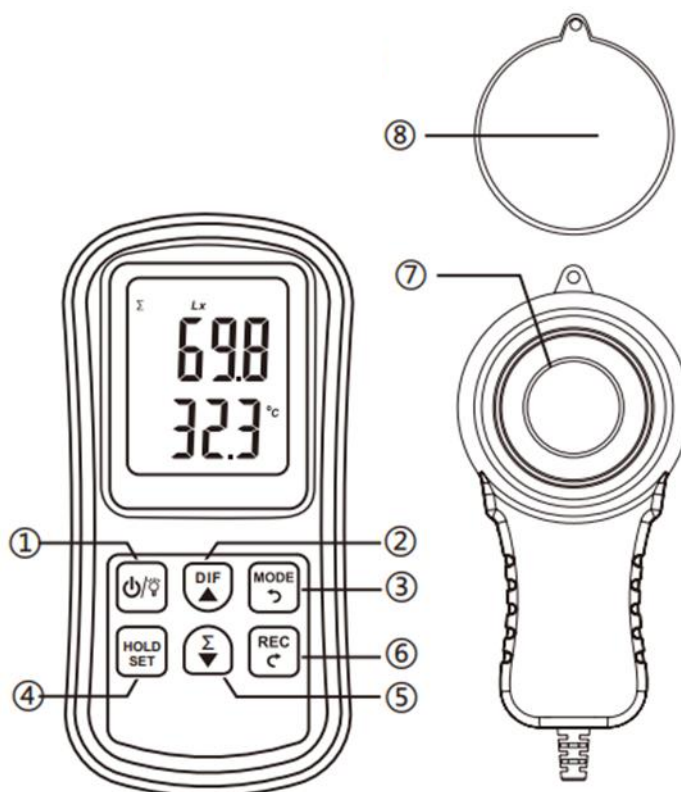
Technical specifications

Illumination probe		Silicon Diode	
Illumination range		0 ~ 200,000Lux (0 ~ 20000Fc) , divided into four gears	
Gear	Gear range	Gear	Gear range
X1 gear	0.0 ~ 199.9Lux	X1 gear	0.0 ~ 199.9Lux
X10 gear	20.0*10 ~ 199.9*10Lux	X10 gear	20.0*10 ~ 199.9*10Lux
X100 gear	20.0*100 ~ 199.9*100Lux	X100 gear	20.0*100 ~ 199.9*100Lux
X1000 gear	20.0*1000 ~ 199.9*1000Lux	X1000 gear	20.0*1000 ~ 199.9*1000Lux
Repeatability		±2%	
Refresh rate		2 times/second	
Temperature probe		NTC Thermistor	
Temperature range		-20 ~ 50°C (-4 ~ 122°F)	
Temperature accuracy		±1.0 °C	
Power		Three AAA batteries	



Opinion

1. Power/backlight
2. Back/difference value
3. Mode/return
4. Data holding/setting
5. Forward/integral
6. Record/confirm
7. Illumination head
8. Lens cover



Features

1. Turn on/off

Install batteries for the instrument, long press  button for 2 seconds, and enter real-time interface after full-screen display for 1 second.

2. Backlight on/off

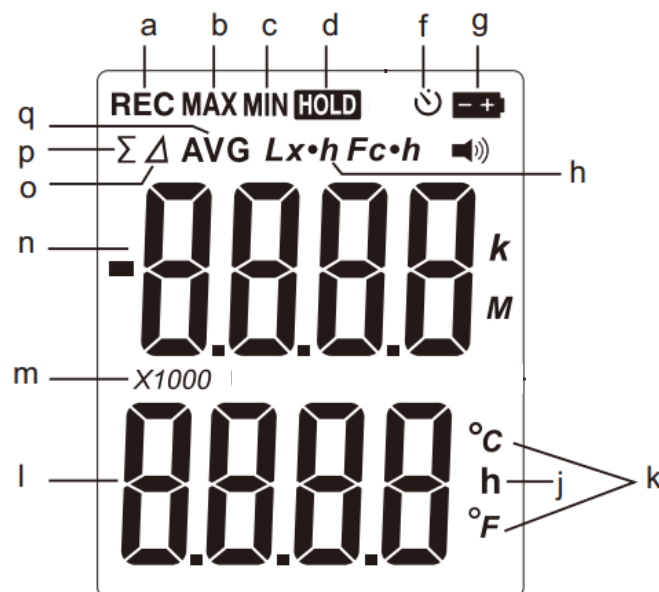
After startup, short press  button in any interface to turn on/off backlight. Backlight will add up power consumption, so it is set to be off since startup

3. Max / min value of illumination and temperature

In the real-time interface, short press  button to switch max value interface and min value interface, the top of the screen displays "MAX" and "MIN" respectively; short press the button again in the minimum interface to return to real-time interface.



LCD display



- | | |
|------------------------------------|---|
| a. Data recording | j. Hour |
| b. Max value/automatic storage | k. Temperature unit |
| c. Min value/manual storage | l. Temperature value and measurement values |
| d. Data holding | m. Illumination value gear |
| f. Power off timing icon | n. Illumination value and parameter setting |
| g. Low battery indicator | o. Difference icon |
| h. Illumination unit—symbol of lux | p. Integral value symbol |
| | q. Average value symbol |

Note: When the indicator **- +** flashes, please change batteries, or the measurement value may not be accurate.



Lighting advice

Location

Lux:

OFFICE

- conference, reception	250-750
- administrative	700-1.200
- redaction (typing)	1.200-2.000

FACTORY

- packaging work, entrance	150-300
- visual work in production	450-750
- inspection work	800-1.200
- electronics assembly	1.500-2.500

HOTEL

- public space, coat rack	100-200
- reception, cashier	250-400

Location:

Lux:

SHOP

- stairwell	100-200
- packing table	200-400
- show window or closet	1.500-2.500

HOSPITAL

- patient room, storage	100-150
- medical examination room	300-600
- operating room	750-1.500

SCHOOL

- auditorium, gym	100-300
- classroom	400-700
- library	750-1.400

Conversion table for light

lux 1 x (lm/m ²)	photo ph (lm/cm ²)	foot-candle fc (lm/ft ²)	watt W/cm ² *
1	1.000 x 10 ⁻⁴	9.290 x 10 ⁻²	5.0 x 10 ⁻⁴
1.000 x 10 ⁴	1	9.290 x 10 ²	5.0 x 10 ⁻²
1.076 x 10 ¹	1.076 x 10 ⁻³	1	5.4 x 10 ⁻⁵
2.0 x 10 ⁵	2.0 x 10 ¹	1.9 x 10 ⁴	1

* Total irradiance (measured value) by the CIE standard light source "A"



Complete user manual



Scan the QR code for the complete user manual.

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