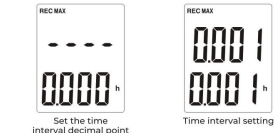


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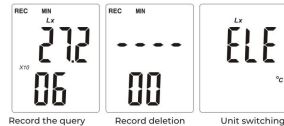
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Note:

- Automatic storage and manual storage cannot be turned on at the same time, but can be turned off at the same time. Manual storage is enabled by factory default.
- During automatic storage, press the REC button on the real-time screen to stop automatic storage. If you want to start the device again at the same time interval, press the REC button when the automatic storage screen is displayed.
9. Record the query
(1) On the real-time screen, long press the REC button for about 1 second and then press the MODE button to switch between the manual storage screen and the automatic storage screen. After the query is complete, long press the MODE button for about 1 second. The real-time screen is displayed.
- (2) Manual storage interface: [MN] is displayed above the LCD, and the latest stored record information is displayed initially. Press the DIF button to switch the next record, press the Z button to switch the next record.
- (3) Automatic storage interface: [MAX] is displayed above the LCD, and the latest stored record information is displayed initially. Press the DIF button to switch the next record, press the Z button to switch the next record. If the DIF/Z button is held down, the record can be switched in 10 steps.
- (4) The upper half of the LCD displays the illumination value of the record, and the lower half displays the record serial number.
10. Record deletion
On the real-time screen, long press the REC button for about 1 second and then press the MODE button to switch between the manual storage screen and the automatic storage screen. Long press the HOLD/SET buttons for about 1 second to delete all manually stored data. After the deletion, long press the MODE button for about 1 second to return to the real-time screen.
11. Illumination and temperature unit
On the real-time screen, long press the HOLD/SET button for about 1 second to enter the setting mode. Press the HOLD/SET button again, LCD displays [ELE], and the unit setting screen is displayed. The selected illumination and temperature units are blinking.
- These four unit combinations: LUX-C, LUX-F, °C-F, °C-F, short press the DIF button (or Z button) cycle selection.



Technical Specification

Illumination probe	Silicon Diode
Illumination range	0-200,000Lux(0-20000°F), divided into four years
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

Gear	Gear range	Resolution	Accuracy
X1	0.0-199.9Lux	0.1 Lux	±3%rdg±5dgt
X10	20.0*10-199.9*10Lux	1 Lux	±3%rdg±10dgt
X100	20.0*100-199.9*100Lux	10 Lux	±4%rdg±10dgt
X1000	20.0*1000-199.9*1000Lux	100 Lux	±4%rdg±10dgt

Refer to J2G245-2005 "Illuminometer verification procedures"

Specific Declarations:

Our company shall hold no any responsibility resulting from using output from this product as an direct or indirect evidence.
We reserves the right to modify product design and specification without notice.



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Split Type Lux Meter Instruction manual LM-200

Introduction

Split Type Lux Meter is a professional instrument for measuring light intensity and brightness, which is used in light intensity measurement engineering, quality control, health care and light intensity measurement in various surroundings, such as factories, schools, offices, transportation and homes.

Features

1. Measure the current value of illuminance and temperature, maximum, minimum, difference, illuminance integral and average illuminance integral
2. Data HOLD
3. Switch illumination unit (Lux/°C) and temperature unit (°C/°F)
4. Two recording modes: automatic storage of illumination data (up to 2000 groups) and manual storage (up to 60 groups)
5. Automatic range and quick response, measurement in environment with insufficient light
6. Screen backlight for darkroom operation.
7. Automatic shutdown (default 10 minutes, configurable).

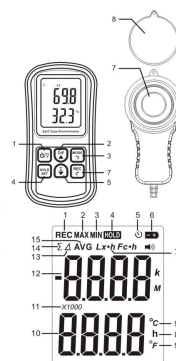
Part name

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

LCD display

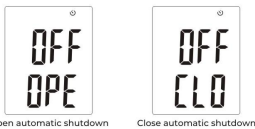
1. Data recording
2. Max value/auto storage
3. Min value/manual storage
4. Data holding
5. Power off timing icon
6. Low battery indicator
7. Illumination unit-symbol of lux
8. Hour
9. Temperature unit
10. Temperature value and measurement values
11. Illumination value gear
12. Illumination value and parameter setting
13. Difference icon
14. Integral value symbol
15. Average value symbol

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



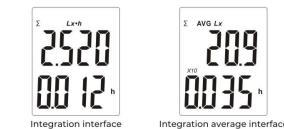
Operation instruction

1. Turn on/off
Open the battery door and properly load the battery.
- (1) Power on: After long press the power/backlight button for about 2s, the full-screen display will enter the real-time interface, displaying the current measured illuminance value and temperature value.
- (2) Shutdown: After starting up, long press the power/backlight button for about 2s to shut down.
- (3) Automatic shutdown: After starting up, long press the HOLD/SET button for about 1s to enter the setting mode. Short press HOLD/SET button again, LCD display [S][OFF], enter the automatic shutdown setting interface, short press the DIF button, [OPE] flashing indicates to open automatic shutdown; Press the Z button, and [CLO] blinks to close automatic shutdown.
2. LCD backlight
After startup, press the Power/backlight button to turn on/off the LCD backlight. Turning on the backlight will increase the power consumption. By default, the backlight is turned off when the machine is turned on.
3. Measurement of MAX/MIN illuminance and temperature
(1) On the real-time screen, press the MODE button to switch between the following modes: Maximum [MAX]- Minimum [MIN]- Real-time screen.
- (2) Maximum/minimum value: Display the maximum/minimum illuminance value and temperature value measured after startup.
4. Illuminance difference measurement
(1) On the real-time screen, press the DIF button, LCD display [Δ], and the difference screen is displayed. Press the DIF button again to return to the real-time screen (you can also press the MODE button to return to the real-time screen).
- (2) Difference: Display the difference between the newly measured illuminance value and the value saved when entering the difference interface. A negative number means that the real time value becomes smaller, and a positive number means that the real time value becomes larger.
5. Data HOLD
On the real-time or difference screen, short press the HOLD/SET button to switch to holding interface, and the top of the screen displays [HOLD]. Press the HOLD/SET button again ([HOLD] disappears on the top of the LCD) to release the data (or press the MODE button to return to the real-time screen).



6. Illuminance integral and integral average

- (1) In the real-time interface, press the Z button to switch successively: integral [Σ]- integral average [Σ AVG]- real-time interface. (You can also press the MODE button to return to the real-time screen.)
- (2) In the integration interface or integration average interface, short press the REC button to control the start and stop of integration.
- (3) After the integration is started, it will continue in the background, and [Σ] above the LCD starts to blink, and [Σ] stops blinking, indicating that the integration stops.
- a. In the integration interface, the upper part of the LCD displays the integral value of illuminance, in Lx·h or Fc·h, and the lower part displays the integrated time, in hours (h).
- b. In the integration average interface, the upper part of the LCD displays the average illuminance, in Lx or Fc, and the lower part displays the integrated time, in hours (h).

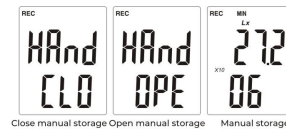


Note:

Integral refers to the integral of the current illuminance value to the time (unit: hour h). Integration Average interface: The average value of the integration of the illuminance value in the specified time (unit: hour h).

7. Manual storage operations

- (1) In real-time interface, long press the HOLD/SET button for about 1 second to enter the setting mode. On the Setting mode, short press the HOLD/SET button. The upper part of the LCD displays [MAN], indicating that the manual storage settings are entered. In the lower part, press the Z button [CLO] to blink to turn off manual storage, and press the DIF button [OPE] to blink to turn on manual storage. Long press the HOLD/SET button (or MODE button) for about 1 second to return to the real-time screen.
- (2) After manual storage is enabled, on the real-time screen, [MN] is displayed on the LCD (indicating that you are in the manual storage area), press the REC button to manually save data. After the data is successfully stored, the current saved result will be dynamically displayed for 1s.
- (3) The upper half of the LCD displays the current saved illuminance value, and the lower half displays the storage serial number of the current data.
- (4) Store up to 60 pieces of data.



Close manual storage Open manual storage Manual storage

8. Automatic storage
(1) On the real-time screen, long press the HOLD/SET button for about 1 second to enter the setting mode. In the setting mode interface, press the HOLD/SET button, [Auto] is displayed in the upper part of the LCD, indicating that automatic storage settings are entered. In the lower part, press the Z button [CLO] to blink, indicating that automatic storage is disabled. Long press the HOLD/SET button (or MODE button) for about 1 second to return to the real-time screen.
- (2) After automatic storage is enabled, [MAX] is displayed above the LCD (indicating that you are currently in the automatic storage area), press the REC button to start the automatic storage timer, and return to the real-time interface. The factory default records once every 0.001h(3.6s). After successfully opening, the [REC] at the top of the screen starts to blink. Time interval setting: On the automatic storage screen, long press the REC button for about 1s to enter the time interval setting, the current decimal point flashes, short press the HOLD/SET button to switch the decimal point position, you can set 0.000h and 0.000h two orders of magnitude. After setting, press the REC button to enter the setting of the specific value. The top half is the save time interval (default: 0.000), and the bottom half can be increased or decreased by pressing the REC button, rotating right, and pressing the DIF/Z button. Set the interval to 0.000h. After the value is set, long press the REC button for about 1 second to return to the automatic storage screen. Press the REC button again to start the automatic storage timer and return to the real-time screen. For example, if the value is set to 0.0020 (7.2s) every second, the storage result will be dynamically displayed for 1s.
- (3) The upper half of the LCD displays the current saved illuminance value, and the lower half displays the storage serial number of the current data.
- (4) Store up to 2000 data.



Close automatic storage Open automatic storage Automatic storage