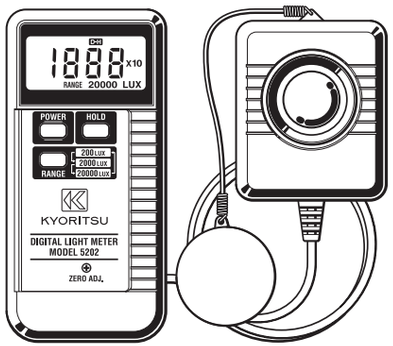
INSTRUCTION MANUAL



DIGITAL LIGHT METER

MODEL 5202

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD

Ⅰ.FEATURES:

- Data Hold Function.
- Light sensor and display main unit is separated.
- Offset Adjustment.
- High Illuminate Measurement.
- Large LCD Display and Distinct Digital Data Reading.

Ⅱ.SPECIFICATION:

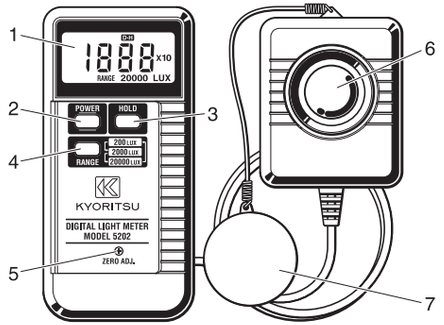
- Light sensor: Silicon Photo Diode
- Display:3 1/2 digits LCD readings
  with maximum value 1999.
  Low Battery Indication.
  Over range display: "OL"
- Measurement Range Scale:
  0.1～19990 Lux.
- Measuring Range Selection:
  200/2000/20000 Lux.
- Reading data accuracy(23℃±5℃):

Range	Accuracy
200	±(4%rdg±5dgt)
2000	±(4%rdg±5dgt)
20000	±(5%rdg±4dgt)

- Power Consumption: Approx. 2mA
- Response Speed:2.5 times/sec.
- Angular Incident Light Characteristic：
  30° within ±3%
  60° within ±10%
  90° within ±30%
- Operation temperature / humidity:
  0℃～50℃ / below 80% R.H.(No Condensation)
- Storage temperature / humidity:
  -10℃～60℃ / below 70% R.H. (No Condensation)
- Power supply:
  Battery 9V NEDA 1604, IEC 6F22, JIS 006P
- Dimension:
  Meter:148mm×71mm×36mm
  Light receiver:85mm×67mm×32mm
- Weight:
  Meter & Light receiver Approx.270g (including battery)
- Package Content:
  Meter ----------1
  Light receiver ----------1
  9V Battery(installed) ----------1
  Instruction Manual ----------1
  Leather Gift Box ----------1

Ⅲ.FRONT PANEL DISCRIPTION:

1.Display
2.Power On / Off Switch
3.Data Hold Switch
4.Range Switch
5.Offset Adjustment
6.Light sensor
7.Light sensor Cover



Ⅳ.OPERATION INSTRUCTIONS:

4.1 Power-On

Press "Power" switch to turn the light meter On or Off.

4.2 Selecting The Appropriate Range

Press "RANGE" switch to select 200,2000,20000 Lux.

4.3 Offset Adjustment

To obtain the accurate data, please adjust "ZERO ADJ." with a screwdriver to enable LCD to indicate 000 if zero cannot be shown on the screen.

4.4 Light receiver Operation

Remove the cover of the Light sensor. Hold the Light sensor to apply the spot where the testing of source of light is to be conducted. The meter will then conduct auto testing.

Read the testing value after the reading indicated value becomes stable.

(*Note: To elevate the accuracy of data please try to hold the Light sensor to face the measuring light source vertically).

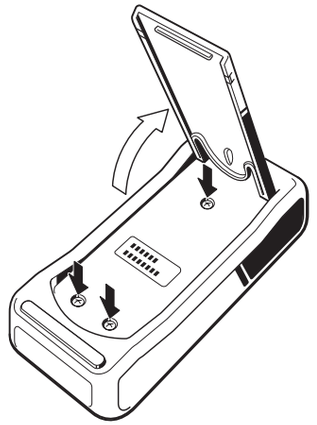
4.5 Data-Hold Operation

The user may hold the present reading and keep it on the LCD display by pressing the "HOLD" button.

When the stored data is no longer needed, one may release the data-hold function by pressing "HOLD" button again.

4.6 Attention

- Light sensor
  *When the meter is not in use, please always keep the cover of the Light sensor in its place to avoid the damage from wearing out.
  *Do not touch the Light sensor (opal part) with the bare hands.
  *To clean the Light sensor only with the dry flannel fabric or the equivalent material.
  Any kind of detergent that may hurt the Light sensor is absolutely forbidden.
- Low Battery Condition
  *When the battery voltage is under proper operation requirement, the ± symbol will appear on the LCD and the battery need to be replaced with a new one for an accurate data measurement.
  *Battery replacement:
  1.Lift the bracket at the bottom.
  2.Unscrew the 3 screws with the screwdriver for replacing a new battery.
  *When it is not in use for a long time, please remove the batteries from the meter.



- Overload Condition
  *When "OL" mark is displayed on the LCD, it means scale over and the user should select a proper measuring range for testing.
  *This meter is not suitable for measuring the light (such as sunshine) when "OL" mark is displayed on the LCD under when the maximum range 20000 Lux is selected.
  *Please avoid to use the meter for measurement under the environmental circumstance of high temperature or moisture.

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92-1547

ADEQUATE LIGHT LEVELS FOR YOUR WORKING OR AT YOUR WORK AREAS.

LOCATIONS \ LUXES (lx)	10,000 5,000 3,000	2,000 1,500	1,000 750	500	300	200	150	100	75 50 30 20
FACTORY		ELECTRONIC PARTS ASSEMBLY LINE. DRAFTING.	TYPESETTING AT PRINTING SHOP. INSPECTION WORK.	VISUAL WORK AT PRODUCTION LINE.	○ PACKING WORK.		EXIT. ENTRANCE. PASSAGE.		INDOOR EMERGENCY STAIRS. WAREHOUSE. ○ LOADING OR UNLOADING WORK.
OFFICE		○ TYPING ○ DRAFTING.	CLERICAL WORK.	CONFERENCE ROOM. DINING ROOM. RECEPTION ROOM.		CORRIDOR. STAIRS.		ENTRANCE. WAREHOUSE.	INDOOR EMERGENCY STAIRS.
HOUSE		○ SEWING.	○ READING. ○ STUDY.	○ MAKEUP	○ DINING TABLE.	○ RECREATIONAL ACTIVITIES.	○ WASHING.		
STORE		○ FOREFRONT OF SHOW WINDOW.	○ SHOW WINDOW. ○ PACKING TABLE.	ELEVATOR.	○ DISPLAY STAND.	RECEPTION ROOM.	CORRIDOR. STAIRS.	INDOORS.	
HOSPITAL	EYE INSPECTION.		OPERATING ROOM. EMERGENCY TREATMENT.	MEDICAL EXAMINATION ROOM. DINING ROOM.		WAITING ROOM	SICK ROOM. WAREHOUSE.	STAIRS.	EMERGENCY STAIRS.
SCHOOL			○ DRAFTING ROOM. ○ LABORATORY. ○ LIBRARY.	CLASS ROOM.	INDOOR GYMNASIUM. AUDITORIUM. WASH ROOM.				EMERGENCY STAIRS.
RESTAURANT			○ SHOW WINDOW.	COOKING ROOM. DINING TABLE.	ENTRANCE. WASH ROOM.		CORRIDOR. STAIRS.		
BARBER.BEAUTY PARLOR			○ HAIR DYEING. ○ MAKE UP. ○ HAIR DRESSING.	○ SHAVING. ○ HAIR WASHING. ○ DRESSING.					

Required light level may be obtained by local illumination for those marked ○. In this case,desired light value of total illumination is one tenth of local illumination level.