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.
- High Illumination Measurement.
- Large LCD Display and Distinct Digital Data Reading.

II. SPECIFICATION:
- Light sensor: Silicon Photo Diode
- Display: 3.5 digits LCD readings with maximum value 1999.
- Low Battery Indication.
- Over range display: “OL”.
- Measurement Range Scale: 0.1~19990 Lux.
- Reading data accuracy (23°C ±5°C):

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<tr>
<th>Range</th>
<th>Accuracy</th>
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<tbody>
<tr>
<td>200</td>
<td>±(4%rdg±5dig)</td>
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<tr>
<td>2000</td>
<td>±(4%rdg±5dig)</td>
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<tr>
<td>20000</td>
<td>±(5%rdg±4dig)</td>
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- Power Consumption: Approx. 2mA
- Response Speed: 2.5 times/sec.

III. FRONT PANEL DISCRION:
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 sensor 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 (opel 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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URL: http://www.kew-ltd.co.jp
E-mail: info-eng@kew-ltd.co.jp
Factory: Ehime, Japan

92.1547B
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<th>750</th>
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ADEQUATE LIGHT LEVELS FOR YOUR WORKING OR AT YOUR WORK AREAS.

(JIS Z9110-2010)