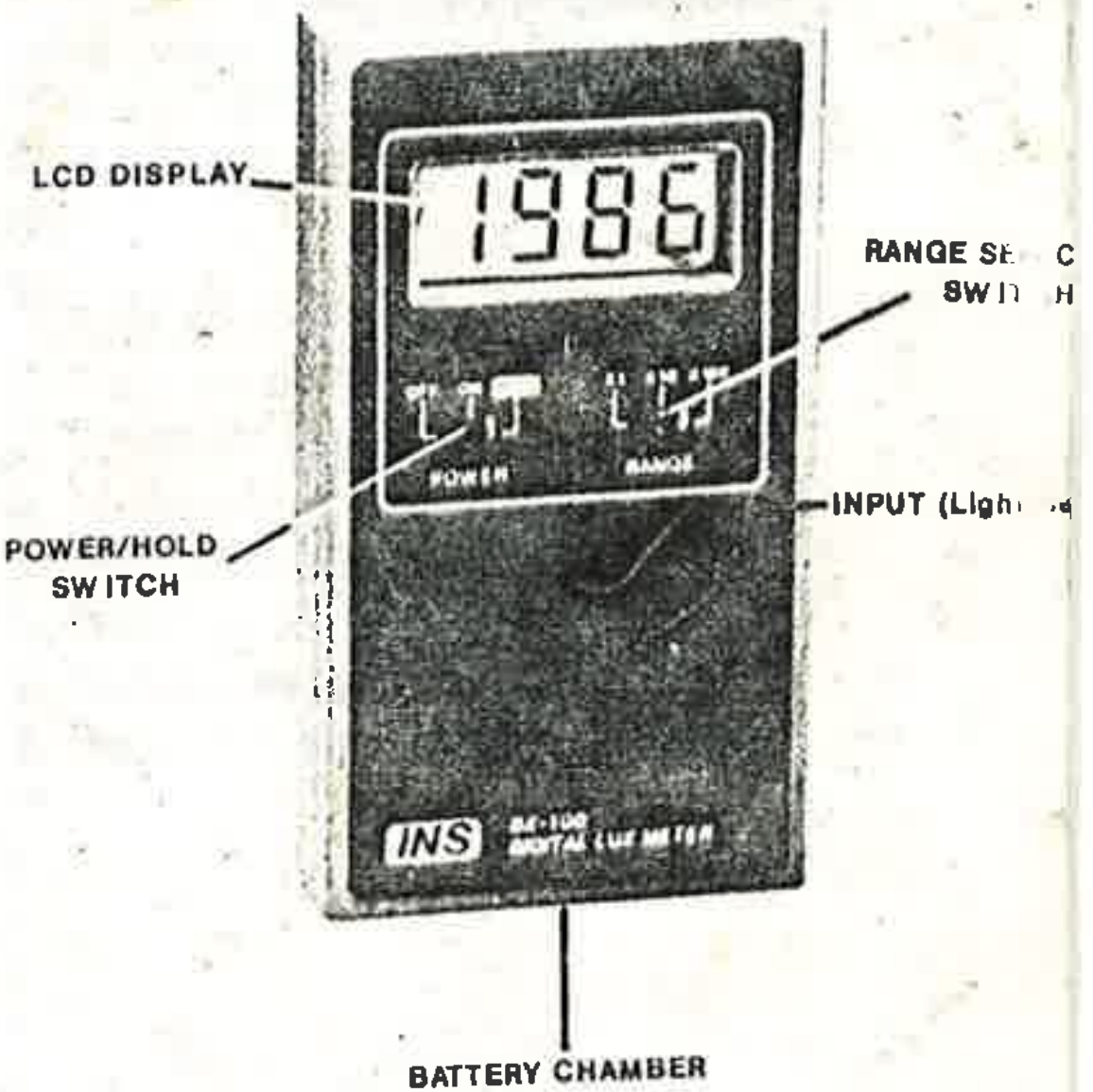
FRONT PANEL DESCRIPTIO



Your purchase of the **DIGITAL LUX METER** marks a step forward for you into the field of precision measurements. Although this **LUX METER** is a complex, and delicate instrument, it's ruggedness will allow many years of use if proper operating techniques are developed. Please read the following instructions carefully and always keep this manual within easy reach.

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FEATURES

- Wide test range (0 to 200,000 LUX)
- High accuracy and rapid response
- Data-Hold function for holding testing values.
- Long battery life. Low battery indicating.
- Lightweight rugged , comfortable to use.
- Easy to read 0.5" high LCD display

SPECIFICATIONS

- MEASURING RANGE
  0— 200,000 LUX, (3 Range select).
- ACCURACY: ±2% of Rdg±1 digit
- RESOLUTION

0—2,000 LUX	1 LUX
2,000—20,000 LUX	10 LUX
20,000— 200,000 LUX	100 LUX.

- LIGHT SENSOR
  High precision SILICON PHOTO CELL.
- DISPLAY
  3-1/2 digital LCD display, 0.5" high.
- POWER SUPPLY : One 9V battery.
- BATTERY LIFE
  Appr. 150 hours in continuous use.
- LOW BATTERY SIGNAL
  Automatic. (When less than 10% of life remains).
- OPERATING/AMBIENT RANGE
  0—50°C, Below 80% RH.

MEASURING PROCEDURE

① **POWER:** Removed the battery cover at rear then fixed 9V battery as mark " + " " – ".

NOTE: To fit or change the battery ensure the ON/OFF switch is in the OFF position.

② Insert the sensor plug into the instrument socket, slide the ON/OFF switch to "ON" position to turn on power, display will be indicated LUX immediatelly.

③ Set the range selection switch to **X1**, (2,000 LUX) and face the sensor to light in a horizontal position.

④ Read the lighting intensity in LUX on the display.

⑤ Overrange—When the display appeared "1" in the M.S.D. with all other digits suppressed, the lighting intensity is over setting point of range selection switch must be reset the range to next step for a more significant reading.

BATTERY REPLACEMENT

A LOW battery indicator (LO BAT) shows at the bottom left-hand corner of the display when the battery is approaching end of life. This happens when typically 10% of battery life remain, during which the instrument will continue to meet its full specification. Please replace new battery then operation.

SAFETY PRECAUTIONS

For a long service life of your instrument observe the following maintenance points:

- Be sure slide the switch to "OFF" position when non-using, and take out the battery if you don't use for a long time.
- Avoid rubbing, pushing the measuring face of the sensor to prevent scratch or deformation of the sensor.
- Keep the instrument without high temperature, moist and high votage ambit.
- If any trouble please contact to our service departments.

RECOMMENDED ILLUMINATION

LOCATIONS	LUX
OFFICE	
Conference, Reception room.	250 ~ 750
Clerical work	700 ~ 1,200
Typing Drafting	1,200 ~ 2,000
• FACTORY	
Packing work, Entrance passage	150 ~ 300
Visual work at production line	450 ~ 750
Inspection work	800 ~ 1,200
Electronic parts assembly Line	1,500 ~ 2,500
• HOTEL	
Public room, Cloakroom	100 ~ 200
Reception, Cashier	250 ~ 400
• STORE	
Indoors Stairs Corridor	100 ~ 200
Show window, Packing table	200 ~ 400
Forefront of show window	1,500 ~ 2,500
• HOSPITAL	
Sick room, Warehouse	100 ~ 150
Medical Examination room	300 ~ 600
Operating room, Emergency Treatment	750 ~ 1,500
• SCHOOL	
Auditorium, Indoor Gymnasium	100 ~ 300
Class room	400 ~ 700
Laboratory Library Drafting room	750 ~ 1,400