



## SPECIFICATIONS

<b>Range</b>	0.000-1999 Lux 2000-19999 Lux 20000-50000 Lux
<b>Range setting</b>	Manual through key buttons
<b>Resolution</b>	
0-1999 Lux	1 Lux
2000-19999 Lux	10 Lux
20000-50000 Lux	100 Lux
<b>Accuracy</b>	±6% of reading ±1 digit
<b>Peak wave length</b>	560 nm
<b>Sensor type</b>	Silicon Photodiode
<b>Sensor sensitivity</b>	100 scotopic LUX
<b>Sensor stability</b>	±2% change per year (in the first two years)
<b>Power supply</b>	1 x 9V (IEC 6LR61) alkaline battery
<b>Battery life</b>	approximately 150 hours of continuous use
<b>Auto-off</b>	after about 5 minutes of non-use
<b>Environment</b>	0 to 50°C; RH 95%
<b>Weight (meter with sensor)</b>	approximately 270 g

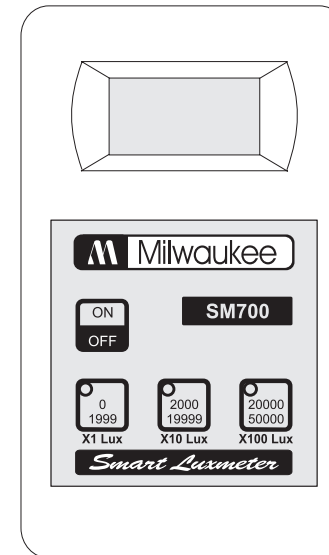


## USER MANUAL

### PORTABLE LUXMETER

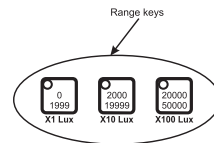
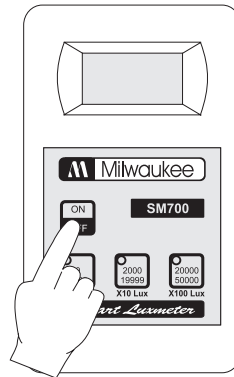
MODEL: **SM700**

*Smart Lux Meter*



### **OPERATION:**

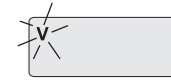
- The meter is supplied complete with a 9V battery. Remove the battery compartment cover on the back of the meter and install the battery while paying attention to its polarity.
- Put the light sensor on a stable surface and the meter at a proper distance to avoid any interference or disturb to the sensor illumination.
- Turn the meter on by pressing the ON/OFF key.
- Press one of the three "Range keys" to select the proper scale according to the intensity of the light.
- "1." on the LCD indicates that it is necessary to increase the measure scale. Press the next range key. The decimal point will move through the display and finally the correct value will be shown.
- Wait for about 1 second for the reading to stabilize.
- After about 5 minutes of non-use, the meter shuts off.



**Note:** It is recommended to check if the sensor is clean before taking any measurement.

### **BATTERY REPLACEMENT:**

When the battery becomes weak, the meter displays a blinking "V".

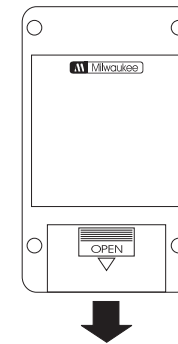


When the low battery indicator appears, the battery has only a few hours of working time left. A low battery will result in unreliable measurements. It is recommended to replace the battery immediately.

Battery replacement must only take place in a non-hazardous area using an alkaline 9V battery.

Turn the meter off, slide off the battery compartment cover on the meter back and replace the battery with a new one.

Make sure the battery contacts are tight and secure, seat the battery in its compartment and slide back the cover.



### **WARRANTY:**

This instrument is warranted from all defects in materials and manufacturing for a period of **two years** from the date of purchase.

If during this period, the repair or replacement of parts is required, where the damage is not due to negligence or erroneous operation by the user, please return the parts to either dealer or our office and the repair will be effected free of charge.

**Note:** We reserve the right to modify the design, construction and appearance of our products without advance notice.