

## SPECIFICATIONS



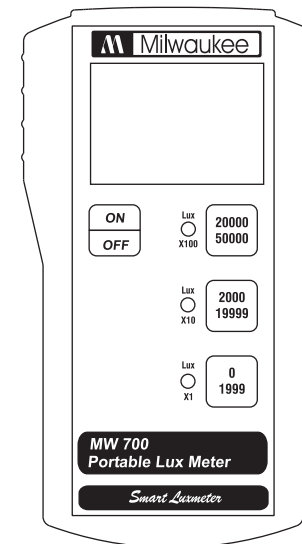
	Characteristics
<b>Range</b>	0.000 - 1999 Lux 2000 - 19999 Lux 20000 - 50000 Lux
<b>Range setting</b>	Manual through key buttons
<b>Resolution</b>	0.000 - 1999 Lux ±1 Lux 2000 - 19999 Lux ±10 Lux 20000 - 50000 Lux ±100 Lux
<b>Accuracy</b>	±6% of reading ±1 digits
<b>Peak wave length</b>	560 (nm)
<b>Sensor type</b>	Silicon Photodiode (connected to meter)
<b>Sensor sensitivity</b>	100 scotopic LUX
<b>Sensor stability</b>	±2% change per year (in first two years)
<b>Power supply</b>	1 x 9 V alkaline battery
<b>Auto-off</b>	after about 5 minutes of non-use
<b>Battery life</b>	approximately 150 hours of continuous use
<b>Environment</b>	0 to 50°C; RH95%
<b>Dimensions</b>	143 x 80 x 32 mm
<b>Weight (meter with sensor)</b>	approximately 270 g



## USER MANUAL

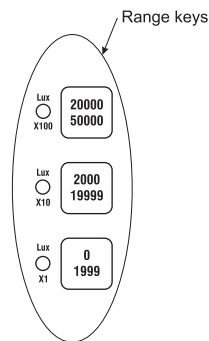
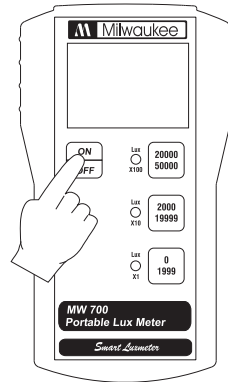
### PORTABLE LUXMETER MODEL: MW700

*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 into the battery clip connector while observing 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 moves through the display and finally the correct value is shown.
- Wait for about 1 second for the reading to stabilize.
- After about 5 minutes of non-use, the meter shuts off.



**Note:** Verify the sensor is clean before taking any measurement.

### **BATTERY REPLACEMENT:**

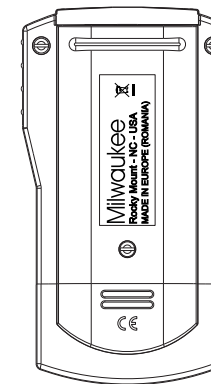
When the battery becomes weak the meter will display a blinking "⚡" low battery indicator.

When it appears, the battery has only about 50 hours of working time left. A low battery will result in unreliable measurements. Prompt battery replacement is required.

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

Turn the meter off, slide the battery compartment cover located at the rear of the meter off and replace the 9V battery with a new one.

Make sure the battery contacts are fully engaged in the connector, seat the battery in its compartment and replace 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.