

## MW700 PRO



PRO Portable Lux Meter

Rating: Not Rated Yet

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### Description

**MW700 PRO Portable Lux Meter**

**MW700-WP PRO Portable Lux Meter with waterproof probe**

The light is necessary for the development of the plants. In fact, it is necessary a sufficient contribution of light in order to favor the photosynthesis and the closing of the plants. The supplement of light by means of lamps electrical workers is the method simpler and economic in order to bring the necessary light to the plants.

MW700 is a portable Lux meter designed to perform light measurements. It is supplied with a light sensor connected to the meter that measures from 0 to 50000 Lux. Average indoor lighting ranges from 100 to 1000 Lux and average outdoor sun lights about 50000 Lux. Lux is a unit that indicates the density of light that falls on a surface.

The MW700-WP is a portable Lux meter designed to perform light measurements. The instrument is supplied in a hard carrying case complete with a light sensor connected to the meter that measures from 0 to 50000 Lux. The light sensor is waterproof, suitable to verify the light intensity also at the bottom of your aquarium. The accuracy is  $\pm 6\%$  of reading (full scale). The MW700-WP works with a 9V alkaline battery. Automatic shut-off after 10 minutes saves battery and extends Lux meter life.

| Specification                 | MW700  |
|-------------------------------|--|
| Range                         | 0.000 to 1999 Lux<br>2000 to 19999 Lux<br>20000 to 50000 Lux |
| Range Setting                 | manual through key buttons                                   |
| Resolution                    | 1 Lux<br>10 Lux<br>100 Lux                                   |
| Accuracy                      | $\pm 6\%$ of reading $\pm 1$ digit                           |
| Peak Wave Length              | 560 nm   |
| Sensor Type                   | silicon photodiode   |
| Sensor Sensitivity            | 100 scotopic Lux   |
| Sensor Stability              | $\pm 2\%$ change per year (in the first two years)           |
| Environment                   | 0 to 50°C / 32 to 122°F; max RH 95%                          |
| Battery Type                  | 1 x 9V alkaline (included)                                   |
| Battery Life                  | approximately 150 hours of continuous use                    |
| Auto-off                      | after about 5 minutes of non-use                             |
| Packaging dimensions / weight | 212 x 145 x 67 mm / 400 g                                    |

**Ordering information:**

MW700 and MW700-WP are supplied complete with 9V battery and instructions.