# Labino® APOLLO 1.0

MAKES IT BRIGHT

## Measures UV and Visible light via a wireless sensor / Traceable to NIST and SP

Labino Apollo 1.0 Radiometer/Photometer is an instrument for accurate measurement of UV-A irradiation and visible illumination. Extra engineering effort is taken to make an accurate measurement of visible light emission from a UV-A lamp by incorporating a superior band pass filter stack containing only non-fluorescent filters. The instrument provides fast measurement as it offers auto ranging and concurrent measuring of visible light and UV-A irradiation.





**Wireless Sensor via Bluetooth**
Sensor measurements and transmission of data is done via Bluetooth. This enables the user to measure from a distance of up to five meters. This feature ensures that the sensor unit is stable and no movement occurs from connecting cables during measurement.

**Easy to Operate**
The back light in the display comes on automatically when measuring in a dark area and it provides an auto ranging for visible light and UV light simultaneously. The meter features both hold and peak functions.

- ✓ Hold function: By pressing the Hold button the present value is stored.
- ✓ Peak function: By pressing the Peak button the sensor automatically stores the highest value measured.

**Light and Compact**
The Apollo Meter is ergonomic and easy to use due to its light weight chassis, wireless sensor unit and compact size. The reader unit weighs 194 grams (6.84 oz) and the sensor unit 100 grams (3.53 oz). The dimensions of the reader unit and the sensor unit are 145x89x25 mm and 108x68x23 mm respectively.

| UV Light Sensor | White Light Sensor |
|---|---|
| Spectral Range: 300 nm to 400 nm | Spectral Range: 400 nm to 700 nm |
| Sensitivity Region (FWHM): 325 nm to 395 nm | Sensitivity Region (FWHM): 485 nm to 600 nm |
| Operation Range: 0 to 50 000 µW/cm$^2$ | Operation Range: 0 to 10 000 Lux (1 000 fc) |
| Accuracy: UV Light: +/- 4 % | Accuracy: Visible Light: +/- 3 % |



***Wireless Sensor*** measures up to a distance of 16 feet (5 meters) from the reader unit



***Reader unit*** powered by three ”AA” batteries that last 100 hours of active measurement
***Sensor unit*** powered by one ”½ AA” lithium battery that last 600 hours of active measurement




***Red LCD screen*** for easy readings
***Peak function*** identifies highest readings