

Labino Apollo 2.0

Radiometer/ Photometer - Light Meter



MEASURES UV AND VISIBLE LIGHT • WIRELESS SENSOR • TRACEABLE TO NIST

Radiometer/photometer measuring UV and visible light via a wireless sensor. Labino Apollo 2.0 is Traceable to NIST (National Institute of Standards and Technology) and is in compliance With ISO 3059-12.

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 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. It is ergonomic and easy to use due to its lightweight chassis, wireless sensor unit and compact size. Apollo 2.0 is traceable to NIST (USA's National Institute of Standards and Technology). Sensor measurements and transmission of data is done via Bluetooth. The wireless sensor 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. Each sensor unit has both the UV and White light sensors incorporated on it. Apollo 2.0 comes as a single kit or as a double kit. The single kit includes one reader unit and one wireless sensor unit. A double kit includes one reader unit and two wireless sensor units. As only the sensor needs to be sent for calibration, the double kit is a convenient tool so that operations are never disrupted. Please note that Aerospace companies that are audited by Nadcap must send in both the reader and the sensor when calibrating. The meter features hold and peak functions. The Hold function stores the present value measured and the Peak button stores the highest value measured.

Unique Features

- Wireless Sensor measures up to a distance of 16 feet (5 metres) from the reader unit.
- Red LCD Screen for easy readings
- Peak function identifies highest reading
- Reader unit powered by three "AA" batteries that last 100 hours of active measurement
- Sensor unit powered by one "1/2 AA" lithium battery that lasts 600 hours of active measurement

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Prices & Specifications Subject To Change Without Notice.

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Registered in England & Wales. Company No: 05957975

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Spectral Specification Labino Apollo 2.0

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



Labino Apollo 2.0 Single Kit (M505)

Includes:

- 1 x Reader Unit
 - 1 x Sensor Unit
 - 1 x Carrying Case
 - 1 x Calibration Certificate
- Batteries also included*



Labino Apollo 2.0 Double Kit (M506)

Includes:

- 1 x Reader Unit
 - 2 x Sensor Unit
 - 1 x Carrying Case
 - 1 x Calibration Certificate
- Batteries also included*

Labino Olympos

Apollo 2.0 Measurement Stand



**MEASURE THE UV AND WHITE LIGHT OF YOUR LABINO LIGHTS
WITH ACCURACY AT 15 INCHES (38cm)**



Labino Olympos Measurement Stand (A542)

Over the last 3 years the NDT industry has adopted new standards for LED blacklights, authored by ASTM (i.e. ASTM E3022-15) and the PRIMEs (i.e. Rolls-Royce RRES 90061, AIR-BUS AITM6-1001), to ensure that the properties and quality of the UV lights used are suitable for NDT inspections. Labino has in its product portfolio UV lights that are tested to comply with all relevant ASTM, ISO and PRIMEs requirements. These requirements as well as the various checklists of NDT Technicians, such as NADCAP compliant technicians, require frequent tests and measurements of the UV lights from 15 inches (38 cm). Labino is proud to introduce to the market, Olympos, the first measurement stand for UV lights, especially designed to conduct such measurements and help NDT professionals to remain in compliance with the pledged standards. Olympos measurement stand comes with three different size plates that can be used interchangeably on the stand. This enables all Labino LED blacklights (UVG Series, MB Series, BB Series) to be measured from the same distance using the Labino Apollo 2.0 UV and White light meter or any other meter.

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