



LIGHT METERS

APOLLO 3.0 SERIES

PRODUCT OVERVIEW

Apollo 3.0 is an instrument for precise measurements of UV-A irradiation and illuminance. Extra engineering effort is taken to make an accurate measurement of visible light emission from an UV-A lamp by incorporating a superior bandpass filter containing only non-fluorescent components. The instrument provides fast measurements as it offers autoranging and concurrent measuring of visible light and UV-A irradiation.

It is ergonomic and easy to use due to its lightweight chassis, a wireless sensor unit and its compact size. Apollo 3.0 is traceable to NIST (USA's National Institute of Standards and Technology) and complies with ISO 3059. For Apollo blue, the UV-A sensor is replaced by a blue light sensor which is in compliance with CEN/TR 16638.

Apollo 3.1 offers the possibility to measure luminance in cd/m^2 or fL using a specially designed tube. The application range is focused on extensive illumination fields such as screens for radiographic testing.

CALIBRATION

The recommended calibration interval is six months. Calibrations are performed by Labino or a Labino authorized calibration center. These centers can be found online at www.labino.com. Please note that Aerospace companies that are audited by Nadcap must send in both the reader and the sensor for calibration. Labino is an ISO 17025-accredited lab. The accreditation guarantees a documented calibration process including traceability of all calibrations and control of drift and uncertainties.

Any Apollo meter can be upgraded to measure luminance by purchasing an upgrade package, including calibration at Labino.

OPTIONS



**M513 APOLLO
STANDARD KIT**



**M521 APOLLO 3.1
STANDARD KIT**



**M517 APOLLO BLUE
STANDARD KIT**



**M514 APOLLO
DOUBLE KIT**



**M515 APOLLO
SENSOR ONLY**



**M519 APOLLO BLUE
3.1 KIT**

LUMINANCE METER

The Apollo photometer can be used as a luminance meter for radiographic inspection by attaching a specially designed luminance tube. The tube comes with two support stands to allow easy scanning of a radiographic film. Existing Apollo meters of any version can be upgraded to be equipped with a luminance tube – please send in both the hand and the sensor unit for upgrading.

WIRELESS CONNECTION

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 (16 feet). This feature ensures that the sensor unit is stable, and no movement occurs from connecting cables during measurement. Each sensor unit has both UV-A or blue light and white light sensors incorporated.



Luminance meter kit

AVAILABLE OPTIONS



Included in M513 Apollo 3.0 Standard Kit:

- 1 x Reader
- 1 x UV-A & White Light Sensor
- 1 x Carrying Case



Included in M514 Apollo 3.0 Double Kit:

- 1 x Reader
- 2 x UV-A & White Light Sensor
- 1 x Carrying Case



Included in M515 Apollo 3.0 sensor only:

- 1 x UV-A & White Light Sensor



Included in M521 Apollo 3.1 Standard Kit:

- 1 x Reader
- 1 x UV-A & White Light Sensor
- 1 x Luminance tube
- 2 x Luminance tube support stand
- 1 x Carrying Case



Included in M517 Apollo Blue Standard Kit:

- 1 x Reader
- 1 x Blue & White Light Sensor
- 1 x Carrying Case



Included in M519 Apollo Blue 3.1:

- 1 x Reader
- 1 x Blue & White Light Sensor
- 1 x Luminance tube
- 2 x Luminance tube support stand
- 1 x Carrying Case

For further information please contact:

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