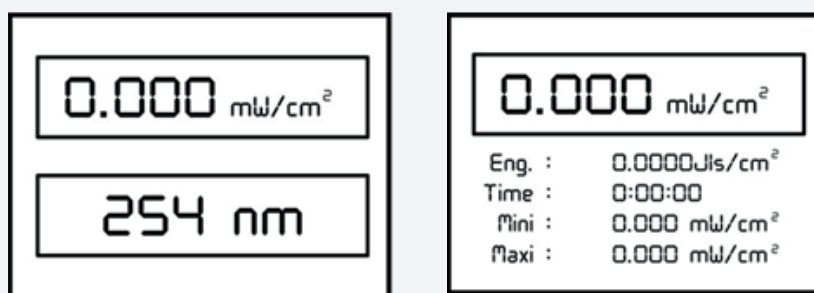


UV RADIOMETER

VLX-3W RADIOMETER

The VLX-3W radiometer measures UV radiation precisely at 254, 312, or 365 nm. Interchangeable wavelength-specific sensors, protected by a quartz disk, ensure long-term durability. With a wide measuring range and instant LCD readout, the VLX-3W delivers reliable, consistent UV dosimetry for laboratory and quality control use.

Display



Features overview

- ◆ Display of UV intensity in mW/cm²
- ◆ Display of energy in Joules/cm² and running time
- ◆ HOLD – Sets the reading at a given time
- ◆ Displays min. and max. intensities
- ◆ USB port for data output
- ◆ Choice of 3 compatible sensors

UV RADIOMETER

Specifications

Measuring Range	<ul style="list-style-type: none">◆ Intensity : 0 to 350mW/cm²◆ Energy : 0 to 99999 joules/cm²◆ Time : from 0 to 99 heures
Resolution	<p>Energy : Auto display range</p> <ul style="list-style-type: none">◆ 1st range: 0,0001 J/cm² from 0,0000 to 9,9999 J/cm²◆ 2nd range: 0,001 J/cm² from 10,000 to 99,999 J/cm²◆ 3rd range: 0,01 J/cm² from 100,00 to 999,99 J/cm²◆ 4th range: 0,1 J/cm² from 1000 to 9999,9 J/cm²◆ 5th range: 1 J/cm² from 10000 to 99999 J/cm² <p>Intensity :</p> <ul style="list-style-type: none">◆ 1st range: 0,001 mW/cm² from 0,000 to 99,999 mW/cm²◆ 2nd range: 0,01 mW/cm² from 100,00 to 250,00 mW/cm²
Sensor	<ul style="list-style-type: none">◆ Sensor accuracy : +/- 5% compared to the radiometer calibrated by the French L.N.E. (National Testing Laboratory)◆ Linearity : +/- 0.5%◆ Silica photocell – interference filter◆ Protection by quartz disk on cellular filter
Short Wave UV Sensor	<ul style="list-style-type: none">◆ CX-254 sensor, 254 nm short-wave UV◆ Monochromatic bandwidth
Mid Wave UV Sensor	<ul style="list-style-type: none">◆ CX-312 sensor, 312 nm medium wave UV◆ Bandwidth : 280 to 320 nm
Long Wave UV Sensor	<ul style="list-style-type: none">◆ CX-365 sensor, 365 nm longwave UV◆ Bandwidth: 355 to 375 nm

Available sensors for VLX-3W

MODEL	Wavelength (nm)
CX-365	365
CX-312	312
CX-254	254

UV RADIOMETER

Warranty

Our products (except Compact Flash®, light tubes and filters) are warranted against faulty construction or defective material for a period of two years from the date of supply. Our products are not warranted for damage due to carelessness, incorrect use or bad maintenance.

Declaration of Conformity

Vilber's radiometer complies with the requirements of the EC Directive 89/336/CEE, 73/23/CEE and EN 61010-1 (electro-magnetic compatibility and low voltage). The electro-magnetic susceptibility has been chosen at a level that gains proper operation in residential areas, on business and light industrial premises and on small-scale enterprises, inside as well as outside of the buildings. All places of operation are characterized by their connection to the public low voltage power supply system.