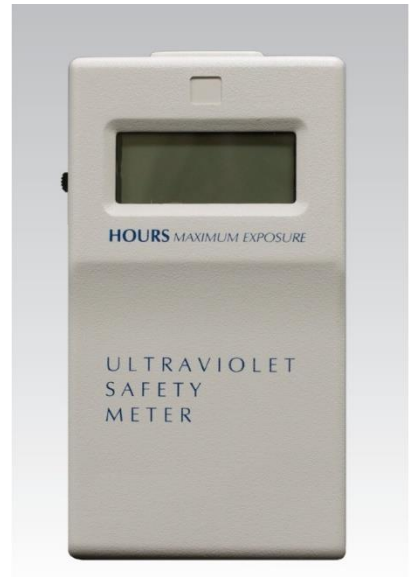


The UV Safety Meter is a valuable safety tool for any industry that involves worker exposure to UV radiation. This handheld industrial grade instrument measures local radiation to quickly and accurately provide users with the safe exposure time based on American Conference of Governmental Industrial Hygienists (ACGIH) Recommendations. The ACGIH states that the total UV exposure in an eight-hour period should not exceed 3 mJ/cm² at 270nm. The UV Safety Meter monitors the integrated effect of all ultraviolet wavelengths from the light source. It is small, lightweight, and very easy to use. The 5 digit LCD display will show the maximum safe exposure time from 0.03 hours to a maximum of 10 hours, which indicates a UV source too weak to reach the Threshold Limit Value during an 8 hour working day.



- Measures UV Radiation and Provides Safe Exposure Time Based On ACGIH Recommendations
- NIST-Traceable Accuracy
- High Sensitivity
- Compact, Lightweight, and Portable
- Rugged Carrying Case Included
- Made in USA
- Model LIM-UVSM

SPECIFICATIONS

- Detector Inputs: One
- Spectral Range: 250 to 400nm
- Readout Range: 0.03 Hours to 10 Hours
- Viewing Angle: 60° Degrees
- Operating Environment: 32 to 120°F (0 to +50°C)
- Power Source: 9 Volt Alkaline Battery
- Battery Life: 300 Hours
- Program Control: Single Button
- Size WxDxH: 6 x 3.2 x 1.5" (15 x 8 x 3.8 cm)
- LCD Size: 5 Digit
- Weight: 7 oz. (200 grams)

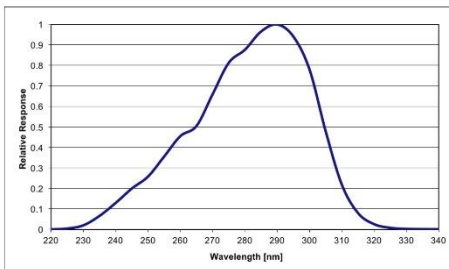


Fig. 1. Linear Spectral Response

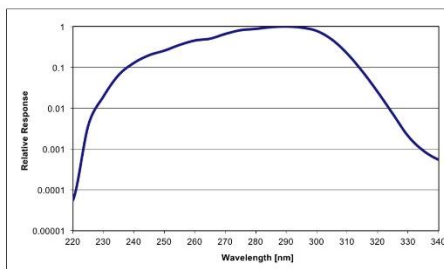


Fig. 2. Log Spectral Response

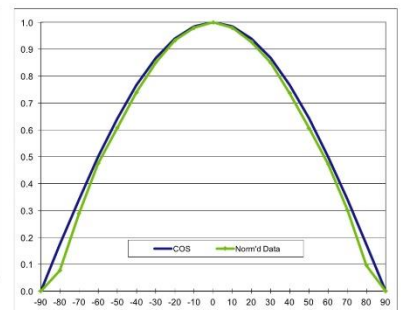


Fig. 3. Cosine Response