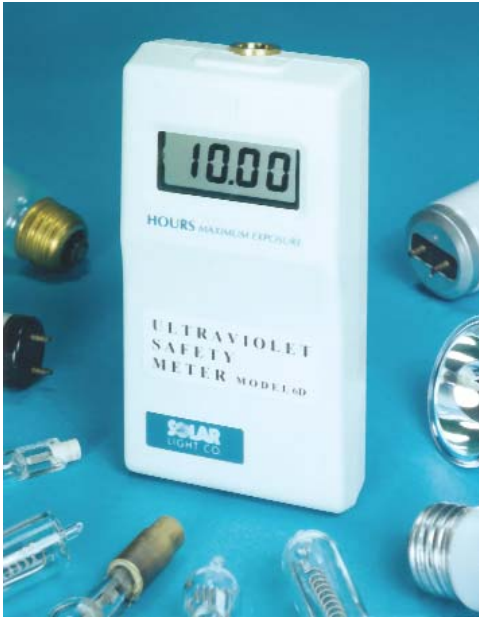


UV HAZARD RADIOMETER



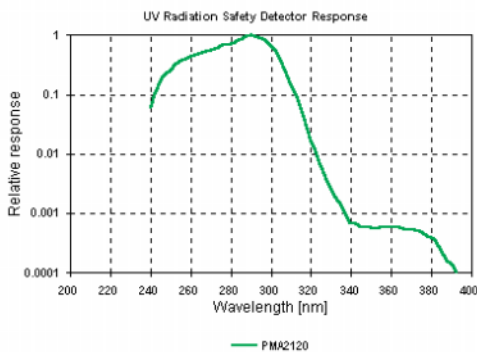
The UV Hazard Radiometer is a hand-held laboratory and industrial grade instrument that measures the UV radiation hazard to eyes and skin.

The UV Hazard Radiometer is a valuable safety tool for any industry that involves worker exposure to UV radiation. It is sensitive to UV radiation specified as hazardous in standards published by the American Conference of Governmental Industrial Hygienists. Those standards state that the total UV exposure in an eight-hour period should not exceed 3 millijoules per square centimeter at 270nm. Other wavelengths have hazardous potential related to that of 270nm by the Spectral Weighting Function (see table below). This unit monitors the integrated effect of all ultraviolet wavelengths from the light source.

The UV Hazard Radiometer comes as a hand-held unit with a self-contained detector mounted on the top panel of the meter. It is activated by a sliding ON/OFF switch. The maximum safe exposure time in hours and 1/100 parts of an hour is shown on the LCD. A reading of 10.00 hours indicates a source too weak to reach the Threshold Limit Value during 8 hour working day.

APPLICATIONS:

- UV curing industry
- Printing
- Spectrometry
- Environmental testing
- Welding
- Commercial lighting
- Semiconductor fabrication
- Clinics using steri-lamps



SPECIFICATIONS:

- Spectral Response: Follows ACGIH SWF recommendation from 250 to 400 nm (see graph)
- Viewing Angle: 60 degrees
- Readout Range: 0.03 hours to 10.00 hours
- Operating Temperature: 0 to +40°C
- Power: 9V alkaline battery (200 hour battery life)
- Size: 6" x 3.2" x 1.5" (15cm x 8cm x 3.8 cm)
- Weight: 7 oz (200 grams)

PART NUMBER

M007-051

DESCRIPTION

UV HAZARD RADIOMETER

24-HOUR PRODUCT SERVICES

Internet: www.uvprocess.com

E-mail: info@uvps.com



UVPS[®]
UV PROCESS SUPPLY, INC.