

# PestWest UV-AMETER

## SEE THE LIGHT

THE SCIENCE BEHIND ANNUAL RELAMPING!

Use the UV-A  
Meter to assess  
UVA output and  
lamp condition.



### Features and Benefits:

- Monitors total trap output
- Monitors ambient UV
- Clearly shows lamp condition
- Allows timely lamp replacement
- Easy to use, with instant readout
- No calculations necessary
- For pre-installation surveys: optimizes location and output of new systems
- Suitable for all types and sizes of flying insect management systems
- Permanently calibrated
- Long battery life 2 yrs with typical use
- Convenient replaceable batteries – takes standard AAA batteries
- Size of a cell phone – added convenience when carrying the meter around with you
- Lanyard slot to ease use in difficult access location

### Condition at a glance

The UV-A meter is an easy-to-use monitor that can provide a rapid indication of the condition of UV lamps in any flying insect management system.

Condition of lamps cannot be checked just by looking at them, as human beings cannot see UV light. This instrument is designed for use by service technicians, installers, EHOs and anybody who regularly needs to check whether a flying insect management system is operating at optimum performance. A moving bar of LED lights changes color according to the condition of the lamps.

**GREEN = OK, YELLOW = MARGINAL, RED = REPLACE**



**PestWest USA LLC**  
tel - 866-476-7378 / fax - 941-358-1916  
info@pestwest.com / www.pestwest.com

**PestWest**<sup>TM</sup>  
FLYING INSECT SCIENCE  
866.IPM.PEST (476-7378)

# PestWest

# UV-AMETER

## Lamp replacement frequency

Although it is convenient to replace lamps at the beginning of the insect season, they should be monitored to ensure that output is adequate between scheduled lamp replacement. Not all manufacturers' lamps maintain adequate performance throughout the year. In fact, you should change some lamps as much as twice per year.

**In order to maintain the satisfactory level of protection, lamps may need to be changed more than once a year, particularly where:**

- Species' populations peak late in the season
- Machines may be under-specified
- Machines are improperly placed
- Ambient UV reduces effectiveness
- The risk of contamination by flying insects persists into the fall (or beyond)
- Insect control is critical, e.g. food processing, pharmaceutical plants, hospitals, etc.

### **Note that:**

- Some shatter-resistant coatings used on lamps for insect attraction can reduce UV by over 70%. Right out of the box!
- Although the system location may be in "shadow" a UV-illuminated window can still prove more attractive to insects and thus distract them from the trap.
- Even a window facing away from the sun can produce significant levels of UV.

The ambient UV levels are checked on the same scale as lamp output so the readouts can be useful in comparing system power to competing ambient UV level e.g. sunlight.



**PestWest USA LLC**  
tel - 866-476-7378 / fax - 941-358-1916  
info@pestwest.com / www.pestwest.com

**PestWest**<sup>TM</sup>  
FLYING INSECT SCIENCE  
866.IPM.PEST (476-7378)