

PestWest UV-METER

FOLLOW THE LIGHT TO ENLIGHTEN YOUR CUSTOMERS

Use the UV-A
Meter to assess
and demonstrate
UV output and
tube condition.

Flying Insect Management Systems

- Monitors total trap output
- Monitors ambient UV
- Clearly shows tube condition
- Allows timely tube replacement
- Easy to use, with instant readout
- No calculations necessary
- For pre-installation surveys: optimises location and output of new traps
- Suitable for all types and sizes of insect light traps
- Permanently calibrated
- Long battery life : 2yrs with typical use
- User-replaceable batteries – takes standard AAA batteries
- Size of a mobile 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 tubes in any electric fly trap.

Condition of tubes 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 fly trap is operating at optimum performance. A moving bar of LED lights changes colour according to the condition of the tubes.

GREEN = OK, YELLOW = MARGINAL, RED = REPLACE



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Tube replacement frequency

Although it is convenient to replace tubes at the beginning of the insect season, they should be monitored to ensure that output is adequate between scheduled tube replacement. Not all manufacturers' tubes maintain adequate performance throughout the year.

In order to maintain the satisfactory level of protection, tubes 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 autumn (or beyond)
- Insect control is critical, e.g. food processing, pharmaceutical plants, hospitals, etc.

Note that:

- Although the electronic fly trap location may be in "shadow", a UV-illuminated (sunlight) window will 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 indicated will be on the same scale as tube output and the readouts can be useful in comparing electronic fly trap power to competing ambient UV level e.g. sunlight.

Width: 46mm **Height:** 120mm **Depth:** 21mm



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