



UV Penlight: Benefits & Usage

A purpose-built UV light source



Reuter-Stokes offers an ultraviolet (UV) penlight for field testing its flame sensors.

A purpose-built UV light source, such as the FS-9000-LP penlight, provides certainty that a functioning UV light source is being used to field test Reuter-Stokes flame sensors.

Other options such as open flames and flashlights are not as safe or reliable.

How to use:

To cycle through the two visible lights or turn off the penlight, repeatedly press the power button. **The visible lights emit bright white light but no UV.**

To use the UV light, press and hold the power button for three seconds. The UV light at the top of the pen will emit a pale purple light as well as invisible UV light.

Various types of burning torches have been used as UV light sources. The risks of open flames are obvious.

Flashlight technologies vary and often cause false negative results because their UV radiation levels are unknown.

A new version of the penlight was recently released, featuring the same UV functionality plus new features.

The UV light is at the top of the device, emitting light in the range 365 – 370 nm, within the sensitive range of Reuter-Stokes flame sensors

The penlight also includes two visible lights – one on the side and one on the bottom. **While these lights are very functional, they will not work for field testing Reuter-Stokes flame sensors.**

The new version is rechargeable and includes a charging cable.



SAFETY INFORMATION:

Avoid looking directly into the UV light.

Sustained exposure can damage eyes.

The UV penlight is not intended for operation in a hazardous area.