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IPC Irwin Ultraviolet Lamp

(battery powered)

Part Number OUV4020

User Instructions



INTRODUCTION.

This IPC Irwin Ultraviolet Lamp is a battery powered, handheld unit designed to produce 4 Watts UV output. The Lamp uses a standard low voltage fluorescent tube to produce uniform UV output, making it ideally suited to demonstrate the properties of ultraviolet light. Including its ability to make the phosphorescence properties of chemicals glow, for example washing powder. Along with helping students understand concepts like such as interaction with matter, experiments with the principles of light wavelengths and optics can be performed, including work in the new Forensic Science part of the syllabus.

DESCRIPTION.

The Ultraviolet Lamp produces an output within the narrow UV wavelength range of 300nm to 400nm. Also included within the Lamp is a high output white LED torch and a Support Stand to allow the lamp to stand upright.

INSTRUCTIONS.

To operate the Ultraviolet Lamp first slide open the battery cover located on the opposite side of the Torch, then insert 4 x AA size batteries into the compartment, **note:** there are details of the battery orientations on the inside of the compartment.

To operate Lamp simply move the slide switch to either the Tube position or the Torch position, to turn the Lamp Off return the switch to the centre position.

IPC Irwin

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SPECIFICATIONS.

Electrical Supply = 6VDC provided by 4 x AA batteries (not supplied).
Dimensions = 160 x 55 x 22mm.
Mass = 92g (without batteries).
UV Lamp Output = 4 Watts.
UV Lamp Wavelength = 300nm to 400nm.
Torch Output Source = White LED.

SPARES.

Replacement UV Tubes are available, please contact IPC Irwin for details.

Please Note: This Equipment is for Education, Training, or Research Purposes Only.

Thank you for choosing this IPC Irwin product, which has specifically been designed for education, and we know it will bring you good service long into the future. This is just one product of a wide range of UK designed and manufactured products to enhance a STEM education. Please see www.ipcirwin.com website for more details on the products and service we provide to support teaching and learning in science and technology.

IPC Irwin also provide Portable Appliance Testers and a Calibration service, for more details please go to www.ipcirwin.com or call our sales and technical support line on 015395 58555.



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