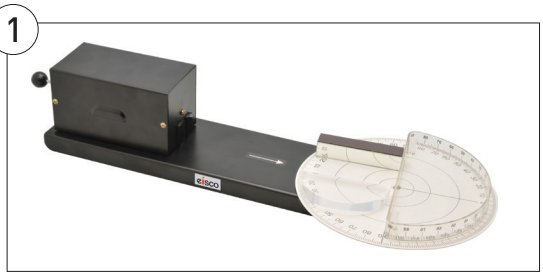
1



1. Refraction & Reflection Kit

Kit for studying reflection and refraction without the need for an optical bench, on a stable and convenient support. This kit comprises 1 metal support, 1 graduated disc Ø 230mm and a transparent and graduated semi-cylindrical tank of 200mm Ø, 1 solid D prism and 1 mirror.

Code	Pack	Price
PY2022	Each	£74.56

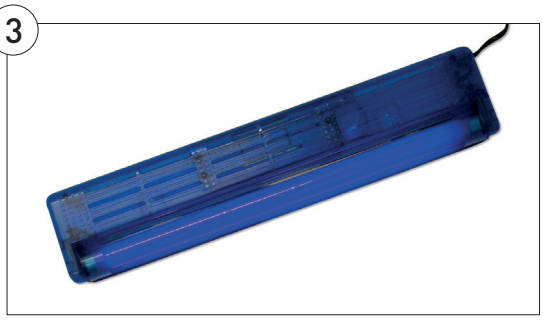
2

2. Plasma Ball 8"

A large, 8" diameter plasma ball that looks fantastic in a darkened room. The unit may be used for illustrating E=hv, capacitance effects, voltage breakdown of gases, differing energy states etc.

Code	Pack	Price
SEM0200	Each	£85.74

3



3. Ultra Violet Lamp Unit, Mains

A mains operated ultra violet light source ideally suited to demonstration use. Comes complete with on/off switch. The tube is 600mm long and is housed in a UV reflective plastic housing. Suitable for showing the fluorescing properties of chemicals (e.g. washing powder) and for work in the forensic science parts of the syllabus.

Code	Pack	Price
SEOP8000	Each	£45.84

4

4. Ultra Violet Lamp, Battery

A battery operated ultraviolet light source suitable for forensic science investigations. Takes 4 x AA cells (not supplied). Fitted with 150mm UV fluorescent tube.

Code	Pack	Price
SEOP8050	Each	£18.78

5

5. Lascells UV Photodetector

A sensitive UV photodiode forms the sensor for this simple UV detector suitable for quantitative measurements at UV wavelengths as well as normal visible light. The detector is housed in a "wand" so that it can be placed inside the UV test rig. In use the instrument is connected to a standard digital voltmeter which then enables a full range of intensities to be measured. Wavelengths in the range 190nm to 1100nm are covered. Power is from an enclosed 9V PP3 battery.

Code	Pack	Price
PY3046	Each	£90.49