

1



1. Lasers

- Wavelength: 405nm
- Power supply: 5V DC
- Beam power: 1mW Class II
- Divergence: <1 mrad

Code	Colour	Pack	Price
PY1344	Red	Each	£71.79
PY1346	Blue	Each	£80.52

2. Laser Bench Stand

Base for table top. Adjustable angle head for easy beam alignment.

Code	Pack	Price
PY1348	Each	£40.98

2



3. Lascells Pin Hole Camera

Each "camera" is constructed from a durable, black ABS tube 190mm long and 50x60 end section which can stand repeated use and storage while leaving the students scope to construct the rest of the system. A black paper square is taped over one end and a pin hole made in it. At the other end a frosted screen is taped, so the image can be viewed. Unlike cardboard tubes, the tape is easily removed and the kit restored for future use. The kit contains 10 tubes, black paper and frosted plastic film. Not included but required: optical pins and a bright light source.

Code	Description	Pack	Price
OP1004	Pin hole camera	10	£79.15
OP1006	Spare paper A4	10 sheets	£9.88
OP1008	Frosted film A4	10 sheets	£9.75
OP1010	Black paper	50 sheets	£9.83

3

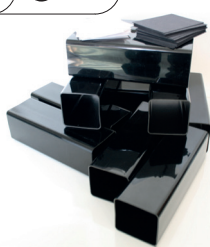


4. SLS Lab Basics Pinhole Camera Set

A pinhole camera starter kit comprising of all of the essential components to allow your pupils to make a basic camera. Comprising of a durable black PVC body, black paper and frosted plastic film. The kit requires a light source such as a standard bench lamp. Enough to make 10 cameras.

Code	Description	Pack	Price
SEP4036	Pinhole camera set	10	£52.45
EL06564	SBC lamp holder with bulb	Each	£7.02

4



5



5. Spectroscope

The performance of this ultra-low cost spectroscope is comparable with more expensive instruments. It uses a CD or DVD as a reflective diffraction grating and clearly shows Fraunhofer lines in the spectrum arising from natural light – and distinctive emission bands from artificial sources such as sodium lamps. Differences between fluorescent lighting tubes – e.g. white light or 'warm' light types – can be easily identified by their distinctive emission bands.

Code	Pack	Price
SESEP205A	Each	£4.20

6. Direct Vision Spectroscope

For the rapid examination of spectral composition of white light, metal tube with draw out focusing and an adjustable slit fitted with achromatic objective glass and 3 element prisms. Complete in a wooden case.

Code	Pack	Price
PHY2020	Each	£35.80

6

