1. IPC Irwin Laser

This laser emits an intense monochromatic red beam of wavelength 630 – 640nm at 0.9mW (Class II operation). Typical beam divergence is approximately 1 millirad. The laser is ideal for the demonstration of the behaviour of light in a visually effective way, reinforcing the practical work carried out by pupils using white light. It is an essential tool to develop basic understanding of the passage of light through different media, slits etc. The laser beam can be modulated by applying an external digital or analogue waveform to the 3.5mm jack socket on the rear panel. Alternatively the beam can be modulated by the internal generator which produces 0.1µs pulses at approximately 1MHz. This allows speed of light experiments to be easily performed. The passage of light through light guides and optical fibres can be demonstrated by filling a glass or plastic tube or U-tube with very dilute milk.

The laser is powered by a 6LR61 (PP3) battery or external smoothed and regulated supply, has adjustable focus, no warm up time and has a key operated safety switch. Housed in a robust anodised aluminium case. Supplied with key.

	Code	Description	Pack	Price
★	**EL10430**	Laser with stand & rod	Each	**£264.29**
	EL10421	Spare laser key (flat)	Each	**£3.81**
	EL10424	Spare laser key (round)	Each	**£3.81**

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2. Lasers

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

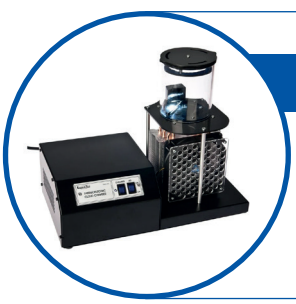
Code	Colour	Pack	Price
PY1344	Red	Each	**£42.77**
PY1346	Blue	Each	**£31.37**

2

Laser Bench Stand

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

Code	Pack	Price
PY1348	Each	**£33.68**



Lascells Cloud Chamber

The perfect alternative to unreliable and time consuming dry ice variants.

See page 356 for more information

LASCELLS®