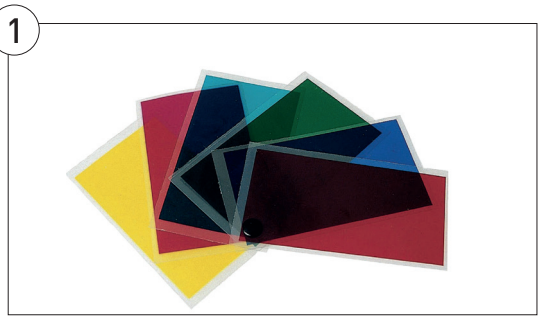
1. Coloured Paddles

The colour paddles can be used for simple experiments in subtractive colour mixing. A set of six transparent acetate paddles, one each of yellow, red, blue, orange, green and magenta, in the form of a 'fan'. Dims, w x l, mm: 73 x 50.

Code	Pack	Price
A46012	Set of 6	£9.32

1

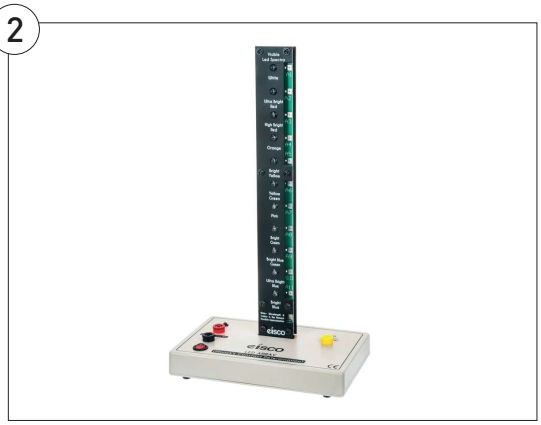


2. LED Array

The LED array is most popularly used for calculating Planck's Constant, but can also be used for the study of light and diffraction gratings. The unit features 11 vertically stacked colours ranging from bright blue to white, and is a versatile classroom tool.

Code	Pack	Price
PHY1142	Each	£45.99

2



3. Lascells Planck's Constant Apparatus

Modern LEDs (light emitting diodes) cover the range from deep blue to infrared. By monitoring the voltage at which each LED just begins to emit light a graph of energy input as a function of light emitted frequency can be plotted and an approximate value of Planck's constant deduced.

The system is an excellent illustration of modern electronics and gives a good investigation into a difficult topic in post-16 physics. The LEDs are mounted in a self-contained box with voltage control and monitoring points for current and voltage. A protection resistor is included to prevent damage to the LEDs.

Complete with viewing tube but without power supply which should be approximately 5V D.C. from any laboratory source.

Code	Pack	Price
PY3118	Each	£78.92

3 LASCELLS



4. Lascells Spectral Source

This unit has been developed to provide a varied range of light sources for examination by spectrometers. Various monochromatic LEDs are available together with a full set of transmission filters which can be used with the tungsten filament lamp. Requires a 12V DC power supply. Connection via 4mm leads or 2.1mm centre positive jack.

Code	Pack	Price
PHY1062	Each	£80.06

4 LASCELLS NEW



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