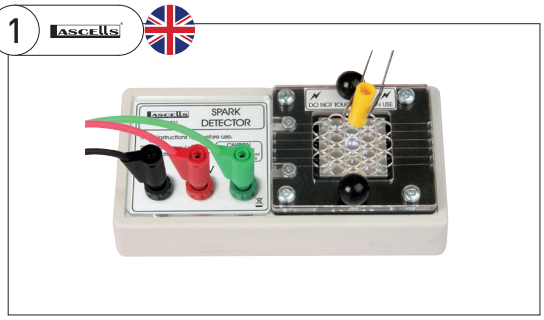
1 LASCELLS



1. Lascells Multi-Wire Spark Detector

This apparatus gives a memorable and dramatic demonstration of the ionising properties of alpha particles. Alpha particles have short range but are very effective at ionising air. In this apparatus a number of fine wires are supported above a metal plate to form two electrodes separated by a small air gap. 4mm terminals allow an EHT supply to be connected, and when the potential across the gap reaches about 4500V occasional ionised particles cause a visible and audible spark to occur. If an alpha source is brought near, the sparking dramatically increases showing the presence of ionised particles. The short range and poor penetrating properties of alpha radiation can be easily demonstrated. An EHT power supply capable of providing a negative potential is required (recommend EL10370).

Code	Pack	Price
PY3036	Each	£123.90

2 IPC IRWIN



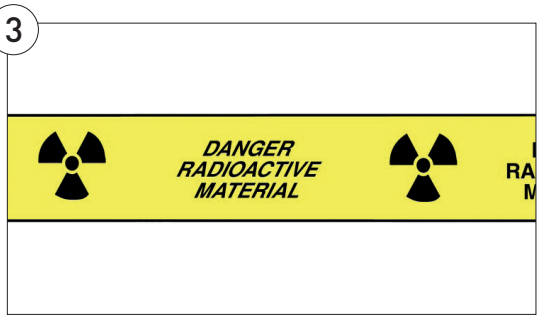
2. IPC Irwin Spark Counter

A highly visible instrument for showing the random nature of alpha radiation. Produces very bright sparks when alpha particles are ionised on the circular wire grid. Comes complete with sliding holder for the radiation source and an accurate scale to measure the effects of distance between the source and the grid. Recommended for use with our 5kV power supply (EL10370), scaler timer and frequency meter (EL10440).

Alpha radiation source not included, available to purchase separately under code SEA49591 (Americium source).

Code	Pack	Price
EL10478	Each	£309.98

3



3. Danger Radioactive Material Warning Tape

Roll of tape, suitable for sealing packages and boxes to give added security and warn dangerous substances present. Strong, single-ply self-adhesive vinyl. 25mm x 66m.

Code	Pack	Price
PW58A	Each	£9.05

4 DIRECT



4. Isotrak Radioactive Sources

A range of rugged sealed sources ideal for use in school laboratories. These sources are mounted on an aluminium block and are supplied complete with storage block.

Delivery will take 5–7 weeks on these sources and a separate delivery charge will be applied. Please contact Technical Support for a quotation.

Code	Description	Emissions	Activity	Pack	Price
AMRB8151	Americium 241	α & γ	74kBq	Each	£846.86
SIRB25114	Strontium 90	β	74kBq	Each	£798.08
CDRB8151	Caesium 137	γ	74kBq	Each	£835.81
CDRB25190	Caesium 137	γ	370kBq	Each	£798.08