

ELECTROMETER, DIGITAL

Features 4 digit display. Used for the measurement of extremely small voltages, electric charges and currents.

Ranges: 0.001 to 1999mV; 0.001 to 1999nA; up to 2000 nC

Dimensions 380 x 190 x 120mm

Weight: 1.9kg

For 220/240V 50/60Hz supplies

P72-8515 Electrometer

Accessory

Parallel Plate Capacitor - see **P50-0800**

SPARK COUNTER

Comprises a wire mesh with insulated parallel conductors mounted on a box. Fitted with 4mm sockets. For use with 5kV E.H.T. supply.

P72-8800 Spark Counter

ALPHA-PARTICLE SCATTERING ANALOGUE APPARATUS

For demonstrating the scattering of alpha particles by rolling a ball from different heights on the ramp on to the hill. The different levels of energy of the ball will cause a variation in the scattering. The apparatus comprises a launching ramp, approx. 110mm high; a hill with a 280mm diameter base and a curved shaped surface such that the height at any point is inversely proportional to the radius; a 12.5mm ball bearing. Complete with instructions.

P72-8900 Alpha-Particle Scattering Analogue Apparatus

SIMULATED RADIOACTIVE SOURCE

Simulates a genuine radioactive source without the associated dangers. Ideal for half life studies, experiments in random numbers and determination of 'e' and Poisson's distribution curve. Microprocessor based, with digital display and 'clicks' to simulate particle emission and counting.

Dimensions: 180 x 100 x 35mm Weight: 320g

Supplied with teacher notes and classroom worksheets.

Requires but does not include a 12V power supply (eg. **P58-4000**).

P73-1000 Simulated Radioactive Source

RADIOACTIVE SOURCES

Enclosed in metal foil with a wire gauze window and 4mm diameter stem. The colour coded source is supplied in a lead castle which is mounted in a hardwood box with a hinged lid. The nature and strength of the source, 5 μ Ci, is clearly marked on each mount.

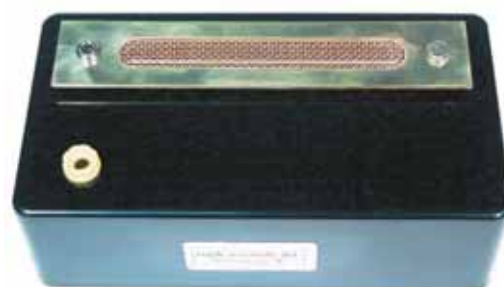
FOR EXPORT ORDERS ONLY

(Note: The necessary written authorisation from the appropriate authority should accompany each order).

	Colour Code	Emission
P73-1020 Cobalt 60 source	Green	gamma
P73-1030 Strontium 90 source	Yellow	beta
P73-1040 Americium 241 source	Brown	alpha



P72-8515



P72-8800



P72-8900



P73-1000