1. Electric Field Apparatus

For demonstrating electric fields between electrodes. The apparatus consists of a clear petri dish 90mm Ø. x 12mm depth. The transparent base (140mm x 125mm) allows the pattern to be projected via an overhead projector system. Alongside each terminal is a thumbscrew system which permits fine adjustment of the electrodes. Six electrodes are supplied: 2 'point source', 2 'line source' and 2 circular rings of 35 and 70mm Ø. The apparatus requires a safe, low current limited 0-5kV EHT supply.

Code	Pack	Price
ELAP	Each	£20.61

1



2. Parallel Plate Capacitor

Parallel plate capacitor apparatus with 3 dielectric materials: glass, cardboard, and Lucite.

Consists of two 120mm circular metal discs mounted on insulated supports that slide on an extruded aluminium section. The distance between the two plates and the height of the plates are easily adjustable. Dimensions, L x H x W: 11˝ x 8˝ x 6˝.

Code	Pack	Price
231-137	Each	£32.04

2



3. E-Field Demonstrator

E-field detector showing position, polarity and strength of field lines in a demo capacitor or charged plates.

Code	Description	Pack	Price
MAG1416	E-field detector meter	Each	£98.55
MAG1418	E-field grounding plate	Each	£21.10
MAG1420	Charge separation rods	Each	£5.28
MAG1422	E-field small proof plane	Each	£6.37

3

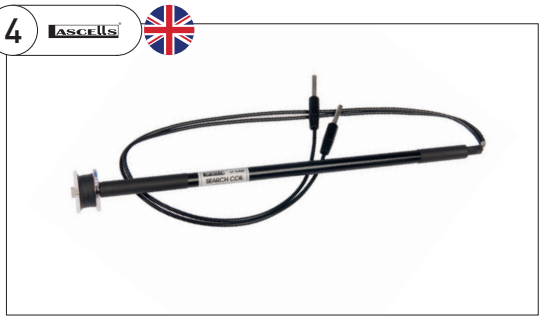


4. Lascells Search Coil

The search coil is a 3300 turn, 25mm Ø coil on a plastic handle for investigating changing magnetic fields. In use the device is connected to an AC millivoltmeter, or oscilloscope by means of the 4mm flying leads.

Code	Pack	Price
EDU2218	Each	£40.43

4



5. Materials Collection for Magnetism Studies

A collection of twenty various magnetic and non-magnetic materials, for teaching the principles of magnetism.

Code	Pack	Price
221-003N	Each	£12.63

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