

WATER CIRCUIT BOARD

Demonstration apparatus providing an analogue of current flowing in an electrical circuit. Water circulating round a circuit of clear plastic tubing is driven by a small electric pump operating from an external LT variable voltage supply (see P58-4500). The circuit divides to pass through alternative 'resistances' and a manometer is connected to the circuit to show the change in pressure. The manometer can be isolated from the circuit when not required. Overall size approx. 610 x 460mm.

P51-0050 Water Circuit Board

GLASS JARS

Cylindrical jars for making simple cells and batteries, dimensions stated are height x diameter.

P51-0090 Glass Jar, 100 x 100mm

P51-0100 Glass Jar, 150 x 100mm

P51-0110 Glass Jar, 200 x 100mm

PLATES FOR SIMPLE CELLS

With 4mm socket terminals. Overall size: approx. 90 x 25mm.

P51-0120 Zinc

P51-0130 Carbon

P51-0140 Copper

P51-0150 Lead

ACCUMULATOR PLATES

Lead plates, 150 x 75 x 3mm fitted with 4mm socket terminals. For demonstrating the principles of a lead-acid accumulator.

P51-0200 Accumulator Plates

CARBON PLATE

Carbon plate, 125 x 40 x 10mm with 4mm brass terminal.

P51-0250 Carbon Plate

COPPER ELECTRODES FOR VOLTAMETER

Comprises one copper plate, 220 x 45mm, bent to a U-shape, mounted on wood support, 90 x 25 x 15mm, with terminal; and one flat copper plate, 112 x 50mm, with terminal. The flat plate fits the slit in wood support.

P51-0300 Copper Electrodes for Voltameter

COPPER PLATES FOR VOLTAMETER

A pair of copper plates, each 125 x 50mm, with brass terminals mounted on wood support, 100 x 10 x 10mm.

P51-0350 Copper Plates for Voltameter

ELECTRODE FOIL HOLDER

Insulating block with two crocodile clips to hold foil electrodes.

P51-0400 Electrode Foil Holder

FOIL ELECTRODES

P51-0500 Copper Foil, 250g

P51-0520 Zinc Foil, 500g



P51-0090 et seq



P51-0140



P51-0200



P51-0250



P51-0300



P51-0350



P51-0400