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ECONOMY

1. Basic Circuits Kit

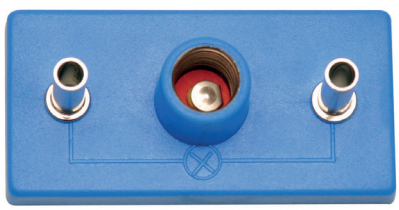
The basic circuits kit has been designed as a low-cost, attractive and flexible alternative to the circuit-board approach to pupil investigations into simple circuits. Each component such as a switch, rheostat, bulb holder, etc. is mounted on its own individual plastic panel with 4mm sockets. The panels are then formed into circuits by connecting them together using 4mm stackable leads. This equipment is suited not only to teaching basic concepts about circuits, for Key Stage 2 students, but also has applications for further study into Key Stage 3 areas. Each kit is supplied in two polystyrene trays which keep the units organised.

Contents:

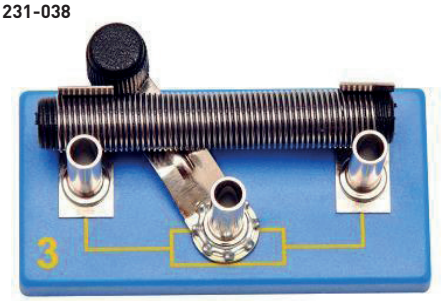
- 12 x cell holders (without cells)
- 20 x bulb holders
- 40 x bulbs
- 12 x 4mm leads, red, 10cm
- 4 x rheostat units
- 12 x 4mm leads, black, 10cm
- 4 x universal clips
- 4 x 4mm leads, red, 25cm
- 8 x crocodile clips
- 4 x 4mm leads, black, 25cm
- 4 x silicone diodes
- 4 x fixed resistors
- 8 x push switches
- 4 x changeover switches
- 4 x electrode holders
- 8 x soft iron rods
- 12 x carbon rods
- 50m copper wire, bare, 20swg
- 50m insulated copper wire
- 1 x pack steel wool
- 1 x sheet copper foil 150 x 150mm
- 2 x foam storage trays

Code	Pack	Price
231-036	Each	£207.78

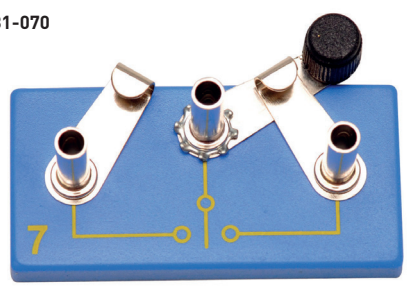
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231-038



231-070



231-073

ECONOMY

2. Mounted Components

Individual components from the main electricity kit 231-036.

Code	Description	Pack	Price
231-038	Bulb holder	Each	£1.56
ED231-039	D-cell battery holder	Each	£1.67
ED231-040	Push switch	Each	£1.97
EDU2190	Knife switch single pole single throw	Each	£1.94
ED231-041	Buzzer	Each	£2.82
231-070	Rheostat	Each	£2.63
231-071	Universal clip	Each	£1.83
231-072	Electrode holder	Each	£1.49
231-073	Changeover switch	Each	£1.97
SE2024	Motor	Each	£3.23
SE2080	Resistor 10R	Each	£0.93
SE2060	Resistor 82Ω	Each	£1.10
SE2062	Resistor 330Ω	Each	£1.03
SE2068	Resistor 50Ω	Each	£1.10
SE2070	Resistor 100Ω	Each	£0.93
SE2072	Resistor 1KΩ	Each	£1.03
SE2064	Capacitor 2200µF	Each	£1.97
SE2066	Thermistor 4.7KΩ	Each	£1.10
SE2074	Diode	Each	£1.80
SE2076	Light dependent resistor	Each	£2.06
SE2078	LED red	Each	£1.86