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1. Lascells Piezo Transducer

Consisting of a 15mm diameter ceramic element with integral, protective press-stud, the device gives voltage pulses of up to 20V when given a sharp tap. To demonstrate mechanical to electrical energy conversion.

Code	Pack	Price
PHY1058	Each	£17.09

2



2. Mounted Lamp

12v 24w SBC bulb in a metal socket, mounted on a base with pair of 4mm sockets to tie into solar cell. For energy transformation experiments.

Code	Description	Pack	Price
PH0467MN	Mounted lamp	Each	£5.14
RAYBULBN	Spare bulb	Each	£1.10

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3. Malvern Motor Generator

Mounted driving unit or dynamo. Great for use as a tool for studying the input/output of larger motors on a comparative level. 2 - 6V DC motor and 15mm V pulley. Mounted on base size is 6" x 4" with 4mm terminal socket.

Code	Pack	Price
PHY1030	Each	£16.76

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4. Lascells G by Free Fall

Use in conjunction with an accurate millisecond timer to calculate acceleration due to gravity. The timer starts when the ball bearing is released from the release unit, the base has an integral vibration sensor which stops the clock as the ball bearing hits the impact plate. Replace the ball bearing, reset the timer and the unit is ready to go again.

Supplied with: base, release unit, 12mm ball bearing, 8mm ball bearing and full instructions.

- Easy setup with integral vibration sensor
- No power required for millisecond timers with de-bounced inputs
- Two ball bearings allowing comparison of different masses
- Over-moulded rubber landing plate
- Integrated de-bounce circuitry to add 4s delay to outputs (9V DC required)

Code	Pack	Price
PY5078	Each	£57.21