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1. Hydraulic Press

Consists of two interconnected cylinders of different diameter based upon two graduated glass syringes of 10mL and 50mL with cross-sectional of 3 to 1. For demonstrating the pressure of fluid and to show how mechanical advantage may be obtained using interconnected cylinders of different diameters. Pistons are provided with loading platform 90mm diameter. Graduated syringe barrels also permit simple Boyle's law experiments to be carried out.

Code	Pack	Price
PY1304	Each	£90.84

2



2. Lascells Digital Jolly Bulb

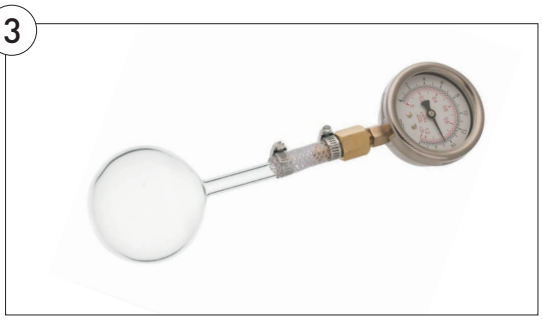
Visually and effectively demonstrate the relationship between temperature and pressure. The digital jolly bulb is the perfect alternative to the traditional bulb and analogue gauge, pressures can be read directly from the built in digital display and the apparatus is sensitive enough to register an increase in pressure when the bulb is held gently in the hand. By submerging the bulb in water at different temperatures the relationship between temperature and pressure may be demonstrated, and the calibrated digital readout allows a quantitative investigation to be carried out if required.

For demonstration purposes two 4mm sockets are provided to allow the pressure reading to be displayed on a large demonstration voltmeter (not supplied).

Supplied with 9V PP3 battery and full instructions. Dimensions: 200 x 100 x 60mm, weight: 0.7kg.

Code	Description	Pack	Price
PY3058	Digital joly bulb	Each	£130.26
PY1084	Replacement bulb	Each	£24.15

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3. Jolly Bulb & Gauge

Comprising a thin-walled spherical bulb connected to a mechanical pressure gauge. The gauge gives instant pressure readings and reduces the inconvenience when using a manometer.

Code	Pack	Price
EDU079N	Each	£44.39

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4. Magdeburg Hemisphere

To demonstrate the existence of atmospheric pressure. Plastic 4.25" Ø madgeburg hemisphere. Features a convenient valve for easy operation and release, with moulded handles and an o-ring seal.

Code	Pack	Price
201-002N	Each	£14.51

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5. Magdeburg Hemisphere Mini

Demonstrates the force of air pressure. Each hemisphere has 2 release posts and 2 handles. 7.5cm diameter.

Code	Pack	Price
PY1302	Each	£5.18