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1. Young's Modulus Apparatus Vernier Type

Vernier type apparatus for the experimental determination of the relationship between a load applied to a wire and the resulting extension. Consists of a scale plate carrying a 0 to 30mm scale and a movable vernier readable to 0.1mm. Both have bars with clamping screws for the wires and hooks for the tension weight and loading masses. A ceiling clamp is provided for the upper ends of the wires, together with a pair of large wood screws for attaching it to a convenient overhead beam, door frame etc. A tension weight, mass 1.3kg approx., for the comparison wire is also included. No load masses or wires supplied.

Code	Pack	Price
PH0329	Each	**£36.42**

2



2. Set of Wires

A selection of six, 6m long wires for use. One each of 21swg and 22swg in brass, copper and stainless steel.

Code	Pack	Price
PH0330	6 x 6m	**£3.74**

3 LAB BASICS



3. SLS Lab Basics Breaking Point Apparatus

Designed to investigate the breaking point of different material strips or wires. Consisting of two separate clamps, one of which is hung from a retort stand, and the other to which masses can be progressively added. The test strip/wire is clamped between the two units. By adding more mass to the lower clamp the breaking point can be evaluated for different materials.

Code	Pack	Price
SEP4048	Each	**£35.81**

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4. Pascal's Law Apparatus

To demonstrate that the pressure of a liquid is not dependent on the capacity of the vessel in which it is contained. This kit contains plastic and glass vessels, of 4 different shapes, mounted on leak-proof metallic collars. All parts of metal are painted. Mounted on moulded plastic base of size 20 x 12.5cm.

Code	Pack	Price
PY2006	Each	**£26.24**

5 LASCELLS NEW



5. Lascells Viscosity Kit

The kit comprises a 1m long, 50mm diameter acrylic tube fitted with two rubber bungs, supplied with five nitrile o-rings and a pack of 4mm and 6mm diameter ball bearings. In use, the tube is filled with different viscous liquids and the o-rings arranged at even, measured intervals down the tube. Ball bearings can be dropped into the liquid and timed over the measured distances with a stop watch, to allow the idea of terminal velocity to be explored as well as the concept of different viscosities.

Code	Pack	Price
PHY1034	Each	**£74.40**