



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. 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. 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



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. Lascelles 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