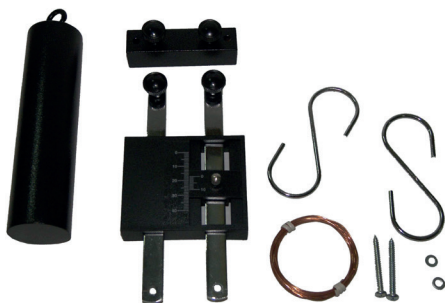


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## 1. Young's Modulus Apparatus

It consists of a plate and plate carrying scale 0 – 30mm and moveable vernier reads to 0.1mm. A ceiling clamp is provided for upper ends of the wires. Supplied with cylindrical weight 1.3kg approx, screws & 1m of wire.

### Set of wires:

A selection of six, 6m long wires for use with Young's Modulus Apparatus. One each of 21swg and 22swg in brass, copper and stainless steel. Must be purchased separately.

Code	Description	Pack	Price
SEP4381	Young's modulus apparatus	Each	£25.56
PH0330	Set of wires	6 x 6m	£11.40

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## 2. 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	£86.00

3



4

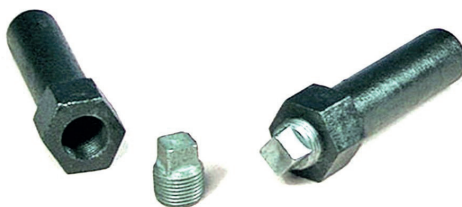


## 3. SLS Lab Basics Breaking Point Apparatus

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	£30.55

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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	£37.84

## 5. Bursting Bottle

Designed to demonstrate the expansion of water on freezing. Comprises cast-iron bottle, 90mm x 20mm tapered to take threaded, square shanked iron stopper.

Code	Pack	Price
EDU1035	Each	£9.76