

1. Spouting Cylinder Snell's Law, Acrylic

Demonstrate Snell's law from an acrylic pipe. The pipe is 15.5" tall and 2.3" in diameter, and has holes at predetermined heights.

Code	Pack	Price
SE1004	Each	£23.89

2. Spouting Cylinder Snell's Law, Perspex

Spouting cylinder is made of Perspex, which gives a clear view of variation of level of liquid and pressure. Spouting cylinder is 16" tall with a 1.75" diameter mouth mounted on a 4" x 4" base. There are no graduations.

Code	Pack	Price
SE1006	Each	£29.75

3. Hyman Fire Piston

This apparatus demonstrates the rise in temperature when a fixed mass of gas is compressed. A portion of tinder supported inside a transparent cylinder is ignited when the contained air is compressed by a hand operated piston. Repeated compressions without removing the cylinder will show reduced effect as the oxygen is used up. Subsequent decompression of the air inside the cylinder will create a cloud, the reduction in pressure lowers the temperature and immediately condenses the water vapour inside the cylinder.

Code	Pack	Price
SEL1050	Each	£30.89

4. Tornado in a Bottle

Fizzy drinks bottle connectors, originally made for a high street toy proved to be a great success at the ASE science education conference. A simple plug-in plastic joiner enables water to pour from one bottle into another, creating an impressive vortex if the top bottle is shaken with an orbital movement. Plastic bottles not included.

Code	Pack	Price
SEWTA001	Each	£0.32

5. In Line Pulley

Plastic, diameters: 38 and 50mm. The open side frame allows for quick and easy stringing up, as no threading is involved.

Code	Description	Pack	Price
BPULS	Single 50mm Ø	Each	£2.53
BPULD	Double 50 & 38mm Ø	Each	£2.36

6. Aluminium Pulley

50mm Ø, mounted in metal frame with 2 hooks.

Code	Pack	Price
MPULS	Each	£3.13

