1. IPC Irwin Radiation Heater

The Irwin radiant heat source is a compact and safe heat source for school heat radiation experiments. It comprises a base and cage containing a custom made infra-red heating lamp of the dull emitter type. This means that it is impossible for a pupil to get an electric shock by prodding it with a paper clip etc.

Please note: the unit can take up to half an hour to reach maximum temperature and so this time lag should be taken into account when planning lessons. However, some experiments require more heat and so the cowl may be removed by unscrewing the four retaining screws. If this is done, the pupils should be warned of the dangers.

- Manufactured in the UK

Dimensions:
- Height: 215mm
- Width: 150mm
- Depth: 150mm
- Weight: 1.5kg

Code	Pack	Price
PY1324	Each	£120.93

1 

2. Crookes Radiometer

Crookes radiometer apparatus mounted on a sturdy plastic moulded base. Comprised on an evacuated glass bulb with black and white veins. Each vein has a blackened side and the reverse side is bright. 70mm diameter at the widest point, containing a fine pivot which supports four light weight metal arms. Apparatus stands 7" tall.

Code	Pack	Price
PHY1012	Each	£9.58

2 

3. Convection of Gas Apparatus

This apparatus is comprised of a metal box 22 x 10 x 16.5cm with a sliding front door, two glass chimneys. Candles are not included.

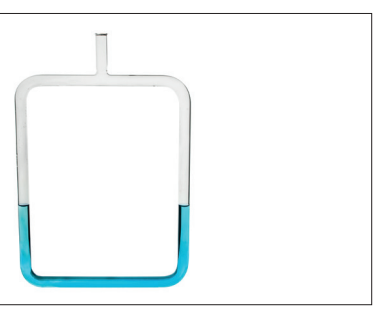
Code	Pack	Price
PY2018	Each	£18.66

3 

4. Convection Tube

To show the convection of heat in a liquid. Glass tube 20mm outer diameter bent into rectangle approx. 380 x 300mm fitted with filling funnel. Made from borosilicate glass.

Code	Pack	Price
PY2020	Each	£9.86

4 

5. Convection in Water Apparatus

Convection tube made of high quality, heavy duty, 3.3 borosilicate glass. Approximate dims, w x h: 152 x 254mm. Useful for demonstrating the conventional movement of heated liquids. Fitted with a filling funnel. Clamp not included.

Code	Pack	Price
PH0408B	Each	£9.72

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