1. Calorimeter Heating Blocks

Cylindrical metal blocks for the experimental determination of the specific heat capacity of different metals. Mass 1kg adjusted to an accuracy of ±2%. Each block is drilled with two holes, a large central hole 12.5mm Ø for a special immersion heater and a smaller hole 7.5mm Ø for a thermometer or temperature sensor.

Code	Description	Dims, h x Ø, mm	Pack	Price
CABLAL	Aluminium	100 x 70	Each	**£14.29**
CABLCU	Copper	102 x 40	Each	**£27.62**
CABLST	Steel	115 x 40	Each	**£8.17**
CABLBR	Brass	108 x 40	Each	**£23.91**

1

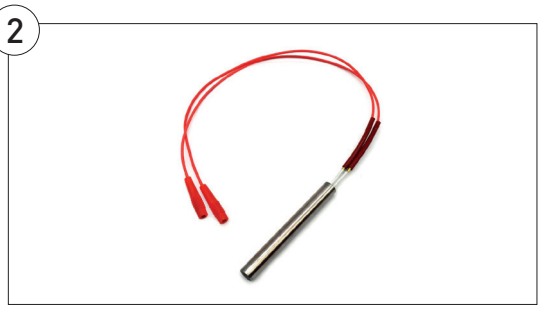


2. Immersion Heater

This fully sheathed miniature heater is designed for use with metal block calorimeters. It has a heating element enclosed in a stainless steel tube with two flying leads, having heat resistant insulation, coming out of the sealed tube body for electrical connections. Operates on 12 volts and rated 48 watts. Dimensions: 100 x 12mm (l x Ø).

Code	Pack	Price
EDU1007N	Each	**£16.89**

2



3. Lascells Thermal Systems

A new approach to measuring specific heat capacity, provides a self-contained apparatus to replace the traditional metal blocks and immersion heaters. A block is mounted on an insulating base with a heating element attached to the underside. The block has a hole for data-logging probes, thermometer hole and felt insulating jacket. The heater requires a standard laboratory power supply to provide up to 3A. Full instructions and theory included.

Code	Description	Pack	Price
PHY1044	Brass	Each	**£100.50**
PHY1046	Steel	Each	**£100.50**
PHY1048	Aluminium	Each	**£100.50**

3 NEW



4. Heat Absorption & Radiation Comparator

The apparatus allows demonstration for comparing heat absorption & radiation between dull and black bodies. Comprises a 12V bulb which acts as a heat source and 2 parabolic metal bodies, one finished in black and one in shiny metal. These bodies have 2 thermometer holders attached for temperature readings. Instructions included. Thermometers not included.

Code	Pack	Price
211-011	Each	**£24.84**

4



5. Infra Red Heat Lamp Bulb

Infrared heat lamp produces heat waves to keep areas warm. The special filament inside the red lamp produces heat waves which transmit through the red glass of the bulb. 60W, non dimmable, CE, 2000 hour life expectancy. E27 screw fitting fixture.

Code	Pack	Price
OP1306	Each	**£12.21**

5

