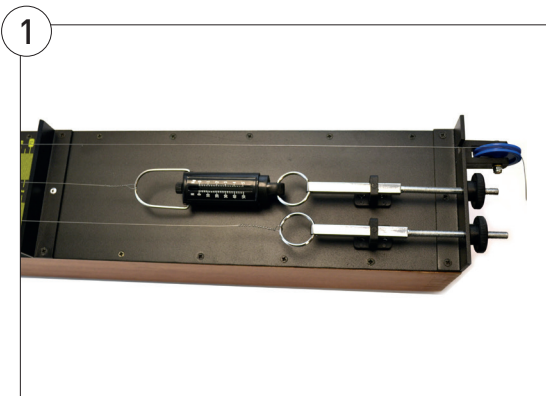


### 1. 3 Wire Pattern Sonometer

A hollow wooden sounding box 1290 x 130 x 110mm. Provided with scales divided in millimetres between fixed bridges, over which the wires are stretched. A spring balance reading 100N x 5N is fitted to one end and the tension exerted and measured can be finely adjusted by a wing nut. Another wire passes over a pulley and can be loaded as desired. A third wire is provided for comparison, its tension may be adjusted by means of a wrest pin. Supplied with anti-corrosive steel wires. The distance between the fixed bridges is 720mm. Complete with three movable bridges, wrest pin key and a set of four 1.5m wires 20, 22, 24, 26swg without weight.

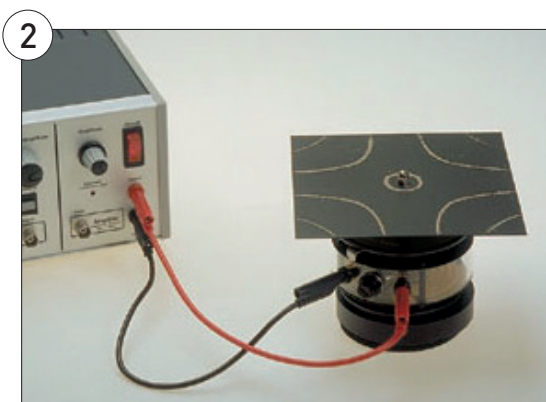
Code	Pack	Price
PH0730	Each	£60.59



### 2. Chladni Square Plates

The Chladni plates are for use with the vibration generator. A thin layer of sand is spread over the plate and resonance patterns can be observed at certain frequencies. The plate resonances are audible.

Code	Pack	Price
PY5322	Each	£24.00



### 3. Vibration Generator

Gives mechanical oscillations when fed by oscillator - AF amplifier. Frequency response for whole of audio spectrum and beyond.

- Frequency range: 30 to 10,000Hz
- Coil impedance: 3W
- Amplitude output: 4mm maximum
- Electrical input: 5W
- Weight: 1kg
- Dimensions: 100 x 100 x 90mm

Code	Description	Pack	Price
241-403	Vibration generator	Each	£50.68
PHY1120	Accessory kit	Each	£23.00



### 4. IPC Irwin Vibration Generator

Vibration generator in robust plastic housing, with mounting pin and 4mm socket for attaching accessories. Holder for stand rod up to 8mm Ø on the rear side of the apparatus for the demonstration of standing waves in a coil spring. The generator is equipped with overload protection, and allows for smooth oscillations and fine travel stepping.

Specifications:

- Connection: via 4mm safety sockets
- Impedance: 8Ω
- Maximum amplitude: 5mm
- Frequency range: 0 up to 20kHz
- Minimum operating current: 10mA
- Overload protection: 1A replacement fuse
- Dimensions: approx. 200 x 160 x 70mm<sup>3</sup>
- Weight: approx. 1.4kg
- Supplied with spring and resonance strips

ECONOMY



Code	Pack	Price
★ PY1314	Each	£112.15

CHEMICALS

BIOLOGY

CHEMISTRY

DATALOGGING

PHYSICS

A

B

C

D

E

F

G

H

I

J

K

L

M

O

P

S

T

V

W