

1. IPC Irwin Signal Generator

Sine and square wave generator. Frequency range 5Hz to 50kHz in four switched ranges plus a fine control. Accuracy typically  $\pm 10\%$ . The output amplitude is continuously variable from zero to maximum 8V peak to peak with maximum output power 1W into 8 $\Omega$ . The output is taken from two 4mm sockets mounted on the front panel. An illuminated on/off switch is mounted on the rear panel adjacent to a fused IEC mains inlet. Enclosed in a robust metal case with a durable powder coated finish.

Code	Pack	Price
EL10463	Each	£145.80

2. IPC Irwin Signal Generator & Amplifier

Provides sine, square or triangular waveforms. Frequency selection is by a switched range and continuously variable fine adjustment control. The frequency is displayed on an LED display. All connections are via pairs of labelled 4mm sockets with one of each pair connected to earth. An illuminated on/off switch is mounted on the rear panel adjacent to a fused IEC mains inlet. Enclosed in a robust metal case with a durable powder coated finish.

- Accuracy:  $\pm 5\%$  on all ranges
- Waveforms: sine, square or triangular. Square wave rise time 1 $\mu$ s approx. Sine wave distortion 1% on all ranges
- 600W output: maximum 10V peak to peak
- 4W output: power output of 4W available over the entire frequency range for all waveforms. Will drive loudspeakers or other low impedance devices of 4 to 15W
- Amplitude: continuously variable from zero to maximum output
- Attenuator: x1, x0.1, x0.01,  $\pm 5\%$  operating only on the 600W output
- Amplifier: voltage gain 100
- Input impedance: 1M $\Omega$  frequency response 1Hz to 100kHz, -3dB
- Output power: 4W into 4 $\Omega$  load

Code	Pack	Price
★ EL10466	Each	£265.24

3. PSU Base Signal Generator/ Amplifier

Supplies accurate sine, square and triangular waveforms over a frequency range of 0.1Hz - 100KHz. Push button switch for selection of waveform, amplifier or Bluetooth input - perfect for music to be transmitted to a Rubens tube. The amplifier operates across the entire frequency range. Output is displayed on a 4 digit, 0.56" LED display. The unit has 3 sets of two 4mm input/outputs - one for waveform output suitable for use with a CRO, one for the amplified output for driving a loudspeaker etc.

Code	Pack	Price
EDU2184	Each	£284.90



CHEMICALS

BIOLOGY

CHEMISTRY

DATALOGGING

PHYSICS

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