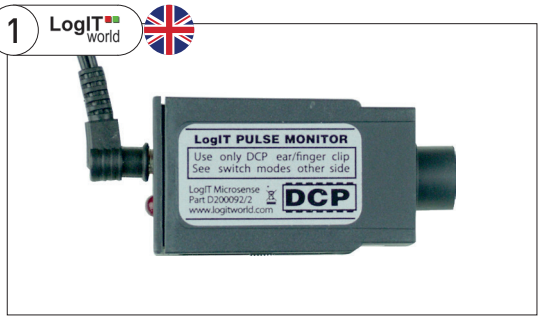
## 1. Pulse Monitor with Ear/Finger Clip

The LogIT pulse monitor is clipped to the ear or finger. It is designed to take quick measurements before and after exercise. It is not able to take reliable readings during exercise due to the limitations of an ear or finger style of clip which detects minute changes of blood pressure in the vein using infrared. The reliability of readings during exercise can be improved by either encasing the finger in a paper cowling of dark paper or ensure the finger is stationary during exercise e.g. handle bars of an exercise bike. It is particularly suited to class use where pulse measurements on different students can be taken quickly without the need to attach anything to the chest.

- Scale: heart rate, 0 to 240/min (resolution 1/min)

Applications: measuring heart rate and its effects from exercise.

| Code | Pack | Price |
|---|---|---|
| LOG6114 | Each | £79.95 |




## 2. Sound Level Sensor

The sound level sensor is designed to measure general and comparative levels of sound. It has a similar response to that of the human ear, 400Hz to 4KHz (internationally known as 'A-weighted' response).

- Microphone: electret omnidirectional
- Frequency response: nominal A-weighted
- Range: 50 to 100dBA
- Nominal accuracy: ±5dBA
- Response time (damping): approx 0.5s

Applications: sound level (absorption) through different materials, reflected sound, noise pollution, amplitude of sound with distance, environmental sound monitoring.

| Code | Pack | Price |
|---|---|---|
| LOG6118 | Each | £66.24 |







## 3. Sound Wave Sensor

The sound wave sensor is designed for use with the LogIT DataVision, Voyager, Observer and Black Box dataloggers and is designed to record sound wave forms and display the results on the oscilloscope built into DataVision.

- Microphone: electret omnidirectional

Applications: amplitude and frequency of sound. Display different tuning fork frequencies. Instantly show the difference between loud and quiet sounds and also the difference between whistled frequencies.

| Code | Pack | Price |
|---|---|---|
| LOG6120 | Each | £59.91 |

Exclusive!

LAB BASICS

SLS Lab Basics Valido Balances

Practical, cost-effective, space-saving balances, **see page 382**

