

## 1. uLog USB Motion Sensor

Use for SHM, distance time graphs, dynamics, speed of sound etc. Range 200–5000mm.

Code	Pack	Price
LOG6018	Each	£154.95

## 2. uLog USB Light Gate Set

- Master and slave light gates
- Use for timing, acceleration, speed etc.
- Digital timing = 1 microsecond resolution from up to two channels simultaneously
- uLog light gates use one USB socket as the slave is plugged into the master

Code	Pack	Price
LOG6020	2	£134.95

## 3. uLog USB Sensor Accessories

Code	Description	Pack	Price
LOG6024	Microsense® sensor adapter	Each	£65.73
LOG6026	Extension cable (3m)	Each	£9.91
LOG6028	SensorLab for uLog site license upgrade	Each	£65.26

## 4. Temperature Sensor ProTemp

This is a precision engineered sensor designed to measure the temperature of liquid or gas. It has a 180mm long stainless steel probe and is very robust.

- Nominal accuracy:  $\pm 1^\circ\text{C}$  at  $-30$  to  $130^\circ\text{C}$

Applications: skin temperature, studying cooling curves, insulation properties of materials, cooling by evaporation, how animals survive different climate conditions, energy release by germinating seeds, environmental monitoring and numerous others.

Code	Pack	Price
LOG6052	Each	£40.48

## 5. Temperature Thermocouple Sensor

The K-Type thermocouple amplifier and conditioner is built into a small case that plugs directly into any of LogIT's sensor sockets (except Explorer). Any standard K-Type probe, within the adapters operating range, can be used. Adapter contains automatic cold junction compensation.

- Nominal accuracy:  $\pm 1\%$  of range  $\pm 2$  digits nominal plus probe errors

Applications: melting point of substances, combustion of different fuels, heat conduction through metals, temperature distribution of a Bunsen flame, monitoring the cooking of food, kiln temperature.

Code	Pack	Price
LOG6056	Each	£74.89

