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## 1. Humidity Sensor HumiPro

An extended range humidity sensor in a robust aluminium casing, for applications requiring a fast response with high accuracy and resolution over the entire 0 to 100% relative humidity range (non-condensed).

- Range: 0 to 100% relative humidity
- Nominal accuracy:  $\pm 4\%$  over 1 to 80% range
- Response time: 90% of response for 70% step change < 1.5 seconds
- Temperature range: -20 to 80°C

Applications: rate of transpiration and humidity, environment studies (weather), moisture in breath, moisture from burning fuels. Often used with a sensor extension lead.

Code	Pack	Price
LOG6168	Each	£121.95

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## 2. Radioactivity Sensor

Radioactivity sensor to measure the intensity of radioactive sources. A very sensitive radioactivity sensor which can measure alpha, beta and gamma emissions. With low power battery feature for long term half life experiments.

- Dual ranges: counts per second or counts per minute
- Range: 32000 counts per second

Applications: half life measurement, radioactive decay, general radiation detector.

Code	Pack	Price
LOG6170	Each	£351.95

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## 3. Pressure Sensor

A versatile and compact sensor for measuring and sensing absolute air pressure, including barometric pressures. Units and scale in standard SI form of kPa (kilopascal).

- Range: 0 to 200kPa (approx 30psi)
- Nominal accuracy:  $\pm 9\%$

Applications: gas laws - pressure/volume/temperature, fermentation, rates of reaction involving gas.

Code	Pack	Price
LOG6172	Each	£103.95

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## 4. Pressure Sensor, Barometric/Air

A sensitive air pressure sensor with sturdy connection for a range of common tube sizes. Suitable for general air pressure measurement, barometric pressure and sensitive enough for use as an altimeter.

- Range: 950 to 1050hPa or 800 to 1100mBar
- Resolution: 0.1Pa

Applications: barometric pressure during weather studies, low pressure studies including altimeter measurements.

Code	Pack	Price
LOG6174	Each	£81.45

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## 5. Sensor Cables & Accessories

Code	Description	Pack	Price
LOG6214	3m sensor extension with metal repairable connectors	Each	£16.18
LOG6216	1m sensor extension moulded but non-repairable	Each	£9.52