

- **Designed for use in pure or low temperature waters**
- **Extremely fast and accurate response**
- **'Blue glass' low resistance membrane**
- **Grooved cap for safe grip**
- **Easily refillable**

Dimensions:	Stem length below cap	–	120mm
	Stem diameter	–	12mm
	Cap length	–	44mm
	Cap diameter	–	18mm

Reference Electrolyte: 3.5M KCl saturated with AgCl
(OrderCode: 1431-241)

pH Range: 0 - 14

Temperature Range: 0 - 60°C

Applications: Low resistance Laboratory Combination Electrode for precision measurement in low temperature or low conductivity samples, or where ultra fast response is required. Fitted with low resistance 'blue glass' membrane, grooved cap for good grip, and integral replaceable refill stopper. Supplied with electrode shield 1160-206 for use if extra protection is required.



Electrode Range:	1412- 000	Detachable cable type.
	1412- 200	1 metre cable with coaxial connector
	1412- 400	1 metre cable with BNC connector

Other connector types such as DIN are also available as options on detachable cables. With the appropriate cable the electrode will work with any other manufacturer's meter. Consult Cables List for details.

ABB Kent-Taylor is a British company with UK production sites at St Neots, Cambridgeshire and at Stonehouse, Gloucestershire. Other production sites are located at Lenno in Italy and Rochester in the United States. We are part of the Asea Brown-Boveri group which has worldwide sales of around £15 billion.

We are a specialist in measurement, manufacturing a wide range of sensors, including pH electrodes, ion-selective electrodes, Redox electrodes and oxygen sensors for a variety of applications ranging from Chemical processing to Pharmaceuticals.

We can bring over 40 years experience in the design and manufacture of Electro-chemical sensors to bear on pH and Chemical measurement applications and the quality of our products is assured by adherence to the ISO 9001 Standard.

The ABB Kent-Taylor range of pH, Redox and ion selective electrodes are designed to cover most common laboratory applications, these include:

- 1411 Series glass combination electrodes – for general laboratory use
- 1412 Series glass combination electrodes – for pure waters or low conductivity samples
- 1413 Series epoxy bodied combination electrodes – for general laboratory use

Plus many other specialist types, see our general laboratory electrode brochure.

Plus ion selective electrodes for the measurement of:

Sodium, Potassium, Ammonium, Chloride, Fluoride, Nitrate, Silver, Sulphide, Cyanide, Ammonia, Sulphur Dioxide and Dissolved Oxygen.

For further information please contact your local distributor or our sales office at Stonehouse.



The Company's policy is one of continuous product improvement and the right is reserved to modify the information contained herein without notice.
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