

*Specification DataFile*

- **Fast and accurate response**
- **Robust cylindrical membrane**
- **Grooved cap for safe grip**
- **Easily refillable**
- **Three junction design resists junction blocking**
- **Three junction design gives enhanced junction flow for improved solution contact**



<b>Dimensions:</b>	Stem length below cap	–	120mm
	Stem diameter	–	12mm
	Cap length	–	44mm
	Cap diameter	–	18mm

**Reference**

**Electrolyte:** 3.5M KCl saturated with AgCl  
(Order Code: 1431-241)

**pH Range:** 0 - 14

**Temperature**

**Range:** 0 - 100°C

**Applications:**

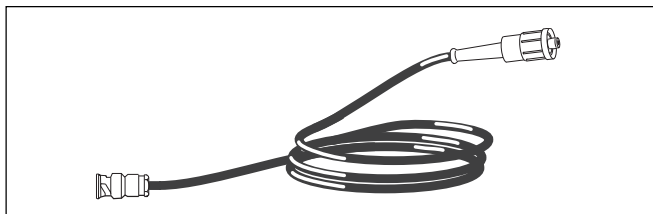
High performance Laboratory Combination Electrode for precision measurement. Designed for applications where junction blocking is a problem or where the sample solution is only of moderate conductivity.

Fitted with robust cylindrical profile membrane, grooved cap for good grip, and integral replaceable refill stopper. Supplied complete with electrode shield 1160-206 for use if extra protection is required. Supplied only as a detachable cable electrode, separate cable needs to be purchased.

**Electrode Range:** 1451- 000 Detachable cable type.

A wide range of connector types such as DIN and BNC 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.

## Cables for Detachable Cable Electrodes



PART NUMBER	TYPE	pH METER TYPE	Price £
140X-100	DIN 19262 Plug	German manufacturers such as Schott, WTW, Knick, Consort, Polymetron, Mettler and older Metrohm types	29.00
140X-200	UK Coaxial	EIL 7020, Some Pye Meters, some Philips meters	25.00
140X-210	3 to 4mm Pin	Reference Pin Cable for ABB Kent-Taylor and other types.	23.00
140X-240	4mm Banana plug	Reference cable for Metrohm, Philips and other European meters	27.00
140X-300	Radiometer Coaxial	Modern Radiometer types, some Crison.	30.00
140X-400	BNC	Many types including ABB Kent-Taylor, Hanna, Aquadata, Jenco, Orion Solomat, Corning, Jenway and some Crison.	26.00
140X-500	Tags	For industrial systems/Terminal blocks.	22.00
140X-510	2mm Pin	Reference Cable for most US types.	24.00
140X-550	Tags	For Pt100 use only	28.00
140X-600	Unterminated	For customer termination (single wire)	21.00
140X-700	U.S. Single Pin	Some Orion, Beckman, Corning, Horiba.	31.00
140X-800	U.S. + 2mm Pin	Some Orion, Beckman, Corning, Horiba.	32.00
140X-900	Sühner Plug	Modern Metrohm meters and titrators.	51.00

### Cable Selection

In place of the 'X' shown in the part numbers above write the length of cable required in metres.

Lengths of 1,2,3,4,5,6,7 and 8 metres are available as standard, **contact ABB Kent-Taylor if longer lengths are required.**

### Example

5 metre cable with tags – correct part number is 1405-500.

### Detachable Cable Industrial Electrodes

PART NUMBER	TERMINATION	ELECTRODE TYPE	Price £
1451-000	Detachable cable	Three-junction glass combination pH electrode – KCl electrolyte	96.00
1452-000	Detachable cable	Three-junction glass combination pH electrode – KCl electrolyte	143.00
1491-000	Detachable cable	Three-junction glass combination pH electrode – LiCl electrolyte	124.00
1492-000	Detachable cable	Three-junction glass combination pH electrode – LiCl electrolyte	160.00

**Direct Fax Number for Orders – 01453 791741**

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

***Prices valid until 31<sup>st</sup> December 1998***



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