Combination Electrodes

Code	HI1131[ ]	HI1135B	HI1143[ ]	HI1331B
Description	refillable, combination pH electrode	refillable, combination pH electrode w/ side arm construction and fast flow rate	refillable, combination pH electrode for fluoride applications	combination pH electrode
Reference	double, Ag/AgCl	double, Ag/AgCl	double, Ag/AgCl	single, Ag/AgCl
Junction / Flow Rate	ceramic, single / 15-20 µL/h	ceramic, double / 30-40 µL/h	ceramic, single / 15-20 µL/h	ceramic, single / 15-20 µL/h
Electrolyte	KCl 3.5M	KCl 3.5M	KCl 3.5M	KCl 3.5M + AgCl
Max Pressure	0.1 bar	3 bar with back pressure	0.1 bar	0.1 bar
Range	pH: 0 to 13	pH: 0 to 14	pH: 0 to 10	pH: 0 to 13
Recommended Operating Temp.	0 to 100°C (32 to 212°F) – HT	0 to 100°C (32 to 212°F) – HT	-5 to 60°C (23 to 140°F) – HF	0 to 70°C (32 to 158°F) – GP
Tip /Shape	spheric (dia: 9.5 mm)	spheric (dia: 9.5 mm)	spheric (dia: 9.5 mm)	spheric (dia: 7.5 mm)
Temperature Sensor	no	no	no	no
Amplifier	no	no	no	no
Body Material	glass	glass	glass	glass
Cable	coaxial; 1 m (3.3')	coaxial; 1 m (3.3')	coaxial; 1 m (3.3')	coaxial; 1 m (3.3')
Recommended Use	laboratory general purpose, beer	continuous monitoring with remote filling	samples with fluoride (max 2 g/L @ pH 2 and temperature < 60°C)	specific for flasks
Connection	**HI1131B** BNC **HI1131P** BNC + pin* **HI1131D** DIN	**HI1135B** BNC	**HI1143B** BNC **HI1143D** DIN	**HI1331B** BNC

* For pH meters with CAL Check™ system

Wolf Laboratories Limited

www.wolflabs.co.uk

Wolflabs

Tel: 01759 301142 Fax:01759 301143 sales@wolflabs.co.uk

Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.