



Code	HI1093B	HI1131[]	HI1151B	HI1135B
Description	combination pH electrode w/ extended length and micro bulb	refillable, combination pH electrode	refillable, combination pH electrode	refillable, combination pH electrode w/ side arm construction and fast flow rate
Reference	single, Ag/AgCl	double, Ag/AgCl	double, Ag/AgCl	double, Ag/AgCl
Junction / Flow Rate	open	ceramic, single / 15-20 µL/h	ceramic, single / 15-20 µL/h	ceramic, double / 30-40 µL/h
Electrolyte	viscolene	KCl 3.5M	-	KCl 3.5M
Max Pressure	0.1 bar	0.1 bar	0.1 bar	3 bar with back pressure
Range	pH: 0 to 14	pH: 0 to 14	pH: 0 to 13	pH: 0 to 14
Recommended Operating Temp.	0 to 50°C (32 to 122°F)	0 to 100°C (32 to 212°F)	0 to 100°C (32 to 212°F)	0 to 100°C (32 to 212°F)
Glass Type	GP (general purpose)	HT (high temperature)	HT (high temperature)	HT (high temperature)
Tip / Shape	spheric (dia: 3 mm)	spheric (dia: 9.5 mm)	spheric (dia: 9.5 mm)	spheric (dia: 9.5 mm)
Temperature Sensor	no	DIN model only	no	no
Amplifier	no	DIN model only	no	no
Body Material	glass – GP	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	NMR tubes	laboratory general purpose, beer	non-aqueous titration	continuous monitoring with remote filling
Connection	HI1093B BNC HI1093P BNC + pin*	HI1131B BNC HI1131P BNC + pin* HI11313 Quick Connect DIN	HI1151B BNC	HI1135B BNC

* For pH meters with CAL Check™ system

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