

IoLine pH combination electrodes

pH combination electrodes

Reference system: iodine/iodide
Zero point: pH = 7,00 ± 0.25
pH range: 0 ... 14
Temp. range: -5 ... 100 °C
Shaft material: glass

A IL-pH-A120-MF
 IL-pH-A120

B IL-pH-A170-MF
 IL-pH-A170

C IL-pH-A120-MF-DIN
 IL-pH-A120-DIN
 IL-pH-A120-MF-BNC
 IL-pH-A120-BNC

D IL-pH-A170-MF-DIN
 IL-pH-A170-DIN
 IL-pH-A170-MF-BNC
 IL-pH-A170-BNC

E IL-Micro-pH-A
 IL-Micro-pH-A-DIN
 IL-Micro-pH-A-BNC

F IL-SP-pH-A
 IL-SP-pH-A-DIN
 IL-SP-pH-A-BNC

Glossary

IL	IoLine
Micro	micro pH electrode for measuring in small sample vessels
SP	spear tip pH electrode for measuring in solid and semi-solid samples
pH	pH combination electrodes
pHT	pH combination electrodes with temperature sensor
A	A-type membrane glass
H	H-type membrane glass
120	120 mm overall length
170	170 mm overall length
MF	platinum diaphragm (multi-flow)
DIN	DIN instrument plug
BNC	BNC instrument plug
N	4 mm banana plug
CI	cinch plug



Type No.	Order No.	Length L [mm]	Ø [mm]	Dia- phragm	Membrane glass	Membrane glass resistance	Membrane shape	Connection	Appli- cation	Shape
IL-pH-A120MF	285114140	120	12	platinum	A	200 MΩ	sphere	Screw plug head S7	■	A
IL-pH-A120	285114150	120	12	ceramic	A	200 MΩ	sphere	Screw plug head S7	■	A
IL-pH-A170MF	285114180	170	12	platinum	A	200 MΩ	sphere	Screw plug head S7	■	B
IL-pH-A170	285114190	170	12	ceramic	A	200 MΩ	sphere	Screw plug head S7	■	B
IL-pH-A120MF-DIN	285113810	120	12	platinum	A	200 MΩ	sphere	DIN ¹⁾	■	C
IL-pH-A120-DIN	285113820	120	12	ceramic	A	200 MΩ	sphere	DIN ¹⁾	■	C
IL-pH-A120MF-BNC	285114160	120	12	platinum	A	200 MΩ	sphere	BNC ¹⁾	■	C
IL-pH-A120-BNC	285114170	120	12	ceramic	A	200 MΩ	sphere	BNC ¹⁾	■	C
IL-pH-A120MF-R	285114410	120	12	platinum	A	200 MΩ	sphere	Metrohm plug ¹⁾	■	C
IL-pH-A170MF-DIN	285113830	170	12	platinum	A	200 MΩ	sphere	DIN ¹⁾	■	D
IL-pH-A170-DIN	285113840	170	12	ceramic	A	200 MΩ	sphere	DIN ¹⁾	■	D
IL-pH-A170MF-BNC	285114340	170	12	platinum	A	200 MΩ	sphere	BNC ¹⁾	■	D
IL-pH-A170-BNC	285114350	170	12	ceramic	A	200 MΩ	sphere	BNC ¹⁾	■	D
IL-pH-A170MF-R	285114420	170	12	platinum	A	200 MΩ	sphere	Metrohm plug ¹⁾	■	D
IL-MICRO-pH-A	285114280	170 (130/40)	12/6	platinum	A	400 MΩ	cylindrical	Screw plug head S7	■	E
IL-MICRO-pH-A-DIN	285113930	170 (130/40)	12/6	platinum	A	400 MΩ	cylindrical	DIN ¹⁾	■	E
IL-MICRO-pH-A-BNC	285114290	170 (130/40)	12/6	platinum	A	400 MΩ	cylindrical	BNC ¹⁾	■	E
IL-SP-pH-A	285114320	120 (50/70)	12/8	ceramic	A	400 MΩ	spear	Screw plug head S7	■	F
IL-SP-pH-A-DIN	285113940	120 (50/70)	12/8	ceramic	A	400 MΩ	spear	Screw plug head S7	■	F
IL-SP-pH-A-BNC	285114330	120 (50/70)	12/8	ceramic	A	400 MΩ	spear	Screw plug head S7	■	F

- general applications,
low ion media
- small sample quantities
- insert measurement

¹⁾ with 1 m fixed cable