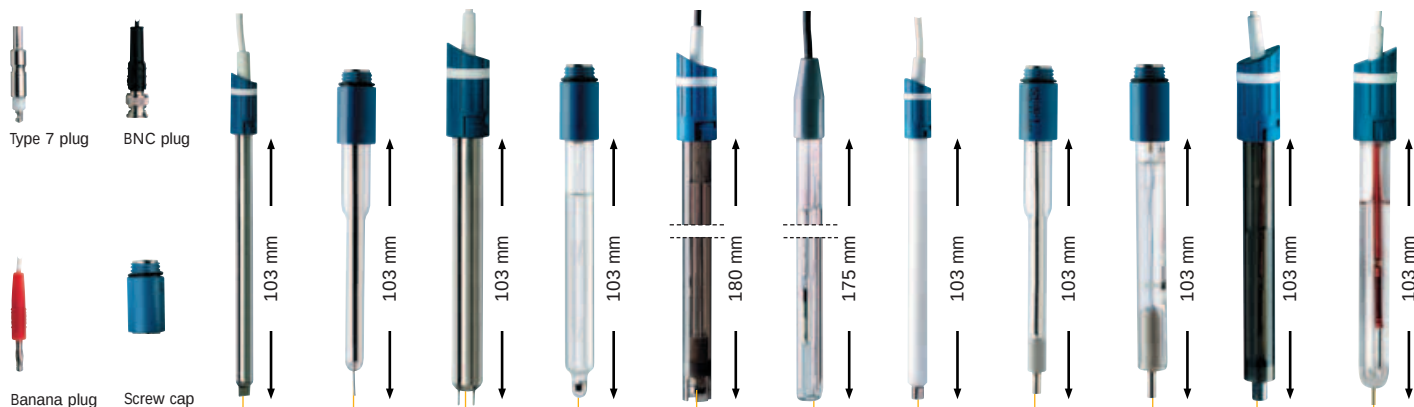
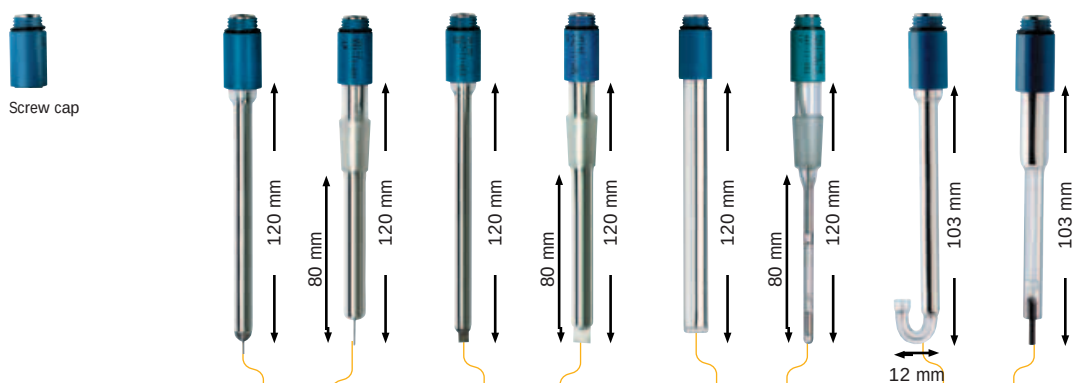


Metal and Combined Metal Electrodes

Single and combined metal electrodes can be used for redox measurements, redox titrations or potentiometric techniques whereas double metal electrodes are ideal for imposed current potentiometric titration. Radiometer Analytical's electrode range features single, double and combined metal electrodes with platinum, silver, gold, antimony, mercury and glassy carbon sensing elements.



Applications	General-purpose		Karl Fischer titrations	Redox meas.	Kappa no. titrations	COD titrations	Silver halides Titration			pH meas. titration	Redox meas.
Type	M241Pt	M231Pt	M231Pt2	MC3051Pt	MC408Pt*	MC602Pt*	M295Ag	M291Ag	MC6091Ag*	MC2095Sb	MC201Au-8
Part no.	E31M001	E31M002	E32M001	E31M003	945-390	945-360	E34M003	E34M002	E34M004	E36M001	E36M005
Sensing element	Platinum plate 5 x 5 mm	Platinum wire Ø 1 mm	2 platinum wires Ø 1 mm	Platinum ring	Platinum ring	Platinum wire	Silver rod	Silver rod	Silver rod	Antimony rod	Gold wire Ø 1 mm
Temperature range	-10 – 100°C	-10 – 100°C	-10 – 100°C	0 – 80°C	-10 – 60°C	0 – 60°C	-10 – 100°C	0 – 80°C	0 – 60°C	-10 – 100°C	-10 – 100°C
Lower diameter	7.5 mm	8 mm	12 mm	12 mm	12 mm	9.5 mm	7.5 mm	8 mm	12 mm	12 mm	12 mm
Reference system				Ag/AgCl	Hg/Hg ₂ Cl ₂	Hg/Hg ₂ SO ₄			Hg/Hg ₂ SO ₄	Red Rod	Red Rod
Liquid junction				Porous pin	Porous pin	Porous pin			Porous pin	Porous pin	Porous pin
Connection	Banana plug	Screw cap	2 x banana	Screw cap	Type 7 plug	Type 7 plug	Banana plug	Screw cap	Screw cap	BNC plug	BNC plug
Salt-bridge solution				3 M KCl with sat. AgCl	Sat. KCl	Sat. K ₂ SO ₄			Sat. K ₂ SO ₄	Sat. KCl	Sat. KCl



Applications	Voltammetry					Micro samples	Electro-chemistry	Voltammetry Redox
Type	XM100	XM110	XM120	XM140	XM150	MEPT10MI/R	M221Hg**	M291C
Part no.	B35M100	B35M110	B35M120	B35M140	B35M150	B35A978	E36M002	E36M003
Sensing element	Platinum wire Ø 1 mm	Platinum wire Ø 1 mm	Platinum plate 5 x 5 mm	Platinum plate 8 x 8 mm	Platinum disc Ø 10 mm	Platinum disc Ø 10 µm	Mercury cup	Glassy carbon rod Ø 3 mm
Temperature range	-10 – 100°C	-10 – 100°C	-10 – 100°C	-10 – 100°C	-10 – 100°C	-10 – 100°C	-10 – 100°C	0 – 60°C
Diameter	8 mm	8 mm	8 mm	8 mm	12 mm	4.5 mm	8 mm	8 mm
Connection	Screw cap	Screw cap	Screw cap	Screw cap	Screw cap	Screw cap	Screw cap	Screw cap

- * These Electrodes Contain Mercury. Dispose According To Local, State Or Federal Regulations.
- ** This Electrode Requires Mercury To Function. Dispose According To Local, State Or Federal Regulations.