

Thermo Scientific Orion Redox/ORP and ORP Triode Electrodes

Reliable Redox Measurements

ORP measurements are easily made with your choice of ORP electrodes. Use our reliable ORP standard and compare your results to the Standard Hydrogen Electrode.

The 9678BNWP is a durable epoxy body electrode with a non-clog Sure-Flow junction. The 9778BNWP offers a chemical resistant glass body. ORP triodes have a durable epoxy body and can measure temperature also. They are available in refillable design or low-maintenance gel filled styles.

Durable and clog-free



Sure-Flow[®] combination redox/ORP electrode with epoxy body

- For use in water, wastewater, metal plating, and biotech samples
- Sure-Flow junction prevents clogging

Solvent-resistant glass body



Combination redox/ORP electrode with glass body

- For use in water, wastewater, metal plating and organic solvent samples

Easy-to-clean with built-in ATC



ORP/ATC Triode[™] with epoxy body, refillable

- For use in water and wastewater
- Epoxy body for ruggedness and durability

Low maintenance with built-in ATC



ORP/ATC Triode[™] with epoxy body, low maintenance gel

- For use in water and wastewater
- Epoxy body for ruggedness and durability

Cat. No.	9678BNWP	9778BNWP	9180BNMD (Star) 9180BN (A+ Series)	9179BNMD (Star) 9179BN (A+ Series)
pH Range	—	—	—	—
Temp. Range	0-90 °C	0-100 °C	0-90 °C	0-80 °C
Temp. Accuracy	—	—	±2.0 °C	±2.0 °C
Internal Reference	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl
Junction	Sure-Flow	Ceramic	Glass Fiber	Wick
Fill Solution (Cat. No.)	4 M KCl w/ Ag/AgCl (900011)	4 M KCl w/ Ag/AgCl (900011)	4 M KCl w/ Ag/AgCl (900011)	—
Dimension D (Dia) L (Length) T (Tip)	L - 110 mm D - 13 mm	L - 120 mm D - 12 mm	L - 120 mm D - 12 mm	L - 120 mm D - 12 mm
Connector Type	BNC Waterproof	BNC Waterproof	BNC Waterproof - MiniDIN (Star) BNC Waterproof - 8 Pin (A+ Series)	BNC Waterproof - MiniDIN (Star) BNC Waterproof - 8 Pin (A+ Series)

Cat. No.	Recommended Accessories
900011	Ag/AgCl fill solution
967901	ORP standard 475 mL
967961	ORP standard 5 x 60 mL



BNC Waterproof



MiniDIN (Star)



8 Pin DIN (A Series)

Key Information

All cap diameters are 16 mm at bottom of cap

All cable lengths are 1 meter