

Thermo Scientific Orion Micro pH Electrodes

Delicate Electrode for Small Volumes, Fits 384 Microwell Plates

Micro electrodes are designed to small volumes down to 0.5 µL. T extremely delicate electrodes been their size and should be treated a The small stem and bulb diameter the electrode to be inserted into devices such as 384 microwell p There are are a variety to choose based on your measurement nee

The ROSS 8220BNWP micro ele provides the best accuracy and re time of the micro electrodes. It ca be used in biological samples. Th 8220BNWP is more durable than silver chloride electrodes.

Silver chloride micro electrodes a junction electrodes. They are avai measure samples as small as 0.4 use in NMR tubes and available stainless steel needle tip over the stem and bulb.

The double junction micro electro for moderate size samples. The d junction design is good for use w measuring TRIS samples, protein or biologicals.

signed to measure $0.5 \ \mu$ L. These are rodes because of treated as such. treated as such. diameter allow rted into small icrowell plates. o choose from ment needs. micro electrode acy and response odes. It can mples. The rable than the s. ctrodes are single y are avaiable to nall as $0.5 \ \mu$ L, for available with a o over the glass	Accurate in extremely small samples	Measure samples as small as 0.5 μL	For use in NMR tubes	For piercing septa	For samples with size limitations
ro electrode is les. The double for use when s, proteins, sulfides	PerpHecT® ROSS® combination pH electrode with glass body, micro • Measures samples as small as 15 µL in 384 well plates • Minimum depth of immersion is 4.5 mm • Durable tip design	Micro combination pH electrode with glass body, small tip • Designed for gels and small sample volumes • Measure samples as small as 0.5 µL	Micro combination pH electrode with glass body, long length • Ideal for measurements in extremely small vessels	Micro combination pH electrode with needle tip • 16 gauge stainless steel bevel tip	Double Junction combination pH electrode with glass body, semi-micro tip • Measure samples as small as 0.2 mL • Easy-to-clean refillable design
Cat. No.	8220BNWP	9810BN	9826BN	9863BN	9110DJWP
pH Range		0-14	0-14	0-14	0-14
pH Precision	0.01	0.02	0.02	0.02	0.02
Temp. Range	0-100 °C	0-80 °C	0-80 °C	0-80 °C	0-60 °C
Temp. Accuracy	±0.5 °C	-	-	-	-
Internal Reference	ROSS	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCI Double junction
Junction	Sleeve	Ceramic	Ceramic	Ceramic	Ceramic
Fill Solution (Cat. No.)	3 M KCl (810007)	4 M KCl w/ Ag/AgCl (900011)	4 M KCl w/ Ag/AgCl (900011)	4 M KCl w/ Ag/AgCl (900011)	3 M KCI (910008-WA)
Dimension D (Dia) L (Length) T (Tip)	L - 155 mm	L - 120 mm T - 1.3 mm x 37 mm L	L - 228 mm T - 2.5 mm x 2.5 mm L	L - 137 mm T - 1.7 mm x 40 mm L	L - 150 mm T - 4.5 mm x 90 mm L
Death of Learning to a	1 - 3 MM X 40 MM L	1 H.OHIIIX OF HIME			
Depth of Immersion		1 mm	2 mm	3 mm	-



Key Information

All cap diameters are 16 mm at bottom of cap except 9810BN, 9826BN & 9863BN All cable lengths are 1 meter