

Orion pH Electrode Specifications

Orion KNIpHE®	Orion No	Orion Tris Calomel Line	Orion Double Junction Ag/AgCl Tris Line*			Orion D/J KNIpHE®*			
	71-20	51-07/09	7102BN	7103BN	7110BN	9102DJWP	9110DJWP	9156DJWP	9120APWP
pH Range	0-14	-2.000 to 16.00	0-14	0-14	0-14	0-14	0-14	0-14	0-14
Temp. Range	0-60 °C	0-100 °C	0-90 °C	0-90 °C	0-90 °C	0-60 °C	0-60 °C	0-60 °C	0-60 °C
Internal Ref.	Calomel	Patent pending, Double Junction	Calomel	Calomel	Calomel	Ag/AgCl Double Junction	Ag/AgCl Double Junction	Ag/AgCl Double Junction	Ag/AgCl Double Junction
Junction	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic
Dimensions	215 mm x 25 mm cap dia 16 mm	120 mm x 12 mm	110 mm x 12 mm (5 mm section is 90 mm long, cap dia 16 mm)	210 mm x 7 mm, cap dia 16 mm	150 mm x 5 mm, 7 mm section is 150 mm long, cap dia 16 mm				

Orion Economy Line					
	91-05/06	91-35/36	91-25/26	91-15/16	91-45
pH Range	0-14	0-12	0-12	0-14	0-14
Temp. Range	0-80 °C	0-80 °C	0-80 °C	0-100 °C	0-80 °C
Internal Ref.	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl refillable	Ag/AgCl
Junction	Wick	Wick	Wick	Wick	Wick
Dimensions	120 mm x 12 mm, cap dia 16 mm	110 mm x 12 mm, cap dia 16 mm	165 mm x 6 mm (6mm section is 95mm long)	150 mm x 6 mm	120 mm x 12 mm, cap dia 16 mm

Orion AquaPro Professional							
	9102AP	9103APWP	9104APWP	9107APMD	9115APWP	9135APWP	9156APWP
pH Range	0-14	0-14	0-14	0-14	0-14	0-14	0-14
Temp. Range	0-60 °C	0-60 °C	0-60 °C	0-60 °C	0-60 °C	0-60 °C	0-60 °C
Internal Ref.	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl
Junction	Double Junction Open	Double Junction Open	Double Junction Open	Double Junction Epoxy/Open	Double Junction Epoxy/Open	Double Junction Epoxy/Open	Double Junction Epoxy/Open

Orion Redox/ORP and ORP Triode™				
	9179BNMD	9180BNMD	9678BNWP	9778BNWP
Temp. Range	0-90 °C	0-80 °C	0-80 °C	0-100 °C
Internal Ref.	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl
Junction	Wick	Wick	Sure-Flow	Ceramic

Key for page 8

- (1) BNC connector, 1 m cable (2) U.S. Standard connector, 1 m cable (3) Screw cap connector, requires separate cable
 (5) E Din Connector (6) 7120BN KNIpHE Electrode Kit includes: pH Electrode, Electrode Handle, Removable blade, One bottle of Filling Solution and Instruction Manual See page 13 for Orion pH electrode cleaning kits
 (7) BNC Connector MiniDIN Connector for Orion Star™ Series meters 1m cable (8) Same as key 4 on page 7

* Images not available

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