



Search All

▼

Search

Q

Order Status

Quick Order

Sign in



Home > Shop All Products > pH and Electrochemistry > Probes and Electrodes > Combination Ion Selective Electrodes > Orion™ Fluoride Ion Selective Ele...



Thermo Scientific™

Orion™ Fluoride Ion Selective Electrodes

Quickly, simply, accurately and economically measure free fluoride ions in aqueous solutions.

Have Questions? [Contact Us](#)

Change view



Catalog Number	Connector Types
9609BNWP	BNC (Waterproof)
9409BN	BNC
9409SC	Screw Cap

Catalog number 9609BNWP



Price (USD)

-

Request A Quote

Connector Types: BNC (Waterproof)

Product Overview



Ask our AI about this Product

Recommendations

Documents

Measure free fluoride ions in aqueous solutions quickly, simply, accurately, and economically with Thermo Scientific™ Orion™ Fluoride Electrodes.

The ThermoFisher Orion Fluoride electrode complies with SM 4500-F- C-1997 and ASTM D1179-04 (B) for Drinking water and Wastewater measurements.

Features:

- 9609BNWP is a combination electrode with a Sure-Flow™ junction that allows easy cleaning. When conventional electrode junctions clog, the Sure-Flow junction can be opened and flushed clean simply by pressing the cap.
- 9409BN and 9409SC Fluoride Half-Cell Electrode are to be used with the Orion 900100 sure flow single Junction reference electrode
- 9409SC requires a separate electrode cable with a screw cap connector.

Solutions required:

- Standards**
 - 940906 0.1 M NaF, 475 mL bottle
 - 940907 100 ppm F⁻, 475 mL bottle
 - 040908 10 ppm F⁻ with TISAB II, 475 mL bottle
 - 040907 2 ppm F⁻ with TISAB II, 475 mL bottle
 - 040906 1 ppm F⁻ with TISAB II, 475 mL bottle
- ISA**
 - 940909 TISAB II, 3.8 L bottle
 - 940999 TISAB II, 4 x 3.8 L bottle
 - 940911 TISAB III concentrate, 475 mL bottle
- Electrode fill solution**
 - 900061 Optimum Results A electrode filling solution 5 x 60 mL bottles
 - 900001 Single junction reference electrode filling solution, 5 x 60 mL bottles

Items included with 9609BNWP only:

- 900061 Optimum Results A electrode filling solution. 60mL 1 bottle

Warranty period:

- 12 months from date of purchase

Specifications

Description	Fluoride Ionplus Sure-Flow Solid State Combination
Diameter (English) Body	0.51 in.
Diameter (Metric) Body	13mm
Filling Solution Type	900061 (9609BNWP and 960900); 900001 with 900100 single junction reference electrode (9409BN, 9409SC, and 940900)
Length (English)	4.33 in.
Length (English) Cable	39 in.
Length (Metric)	110mm
Length (Metric) Cable	1m
Measurement Range	1 x 10 ⁻⁶ M to saturated 0.02 ppm to saturated
Parameter	Combination Ion Selective Electrode
Refillable	Yes
Temperature (English) Operating	Continuous: 32 to 176 °F; Intermittent: 176°F to 212°F
Connector Types	BNC (Waterproof)
For Use With (Equipment)	ISE Meter
Junction	Sure-Flow Junction
Material	Epoxy
Temperature (Metric) Operating	0°C to 80°C (Continuous), 80°C to 100°C (Intermittent)
Type	Combination ISE
Unit Size	Each

Give Feedback

