

Ion Selective Electrodes

Fluoride · Iodide



ISE

SENSORS

Parameter	Fluoride			Iodide	
Code	HI4010	HI4110	FC301B	HI4011	HI4111
Type	solid-state; half-cell	solid-state; combination	solid-state; half-cell	solid-state; half-cell	solid-state; combination
Measurement Range	1M to 1•10 ⁻⁶ M Sat. to 0,02 mg/L (ppm)			1M to 1•10 ⁻⁷ M 127000 to 0,01 mg/L (ppm)	
Optimum pH Range	5 to 8	5 to 8	5 to 8	2 to 13	2 to 13
Temperature Range	0 to 80°C	0 to 80°C	0 to 80°C	0 to 80°C	0 to 80°C
Approximate Slope	-56	-56	-56	-56	-56
Body O.D.	12 mm	12 mm	12 mm	12 mm	12 mm
Insertion Length	120 mm	120 mm	120 mm	120 mm	120 mm
Body Material	epoxy	PEI/epoxy	epoxy	epoxy	PEI
Cable	1 m coaxial	1 m coaxial	1 m coaxial	1 m coaxial	1 m coaxial
Possible Applications	determination of free fluoride in potable water, soft drinks, wine, plants, emulsified food products, plating and pickling acids			determination of free iodide ions in emulsified food samples (iodized table salt), plants and for titration	
Connection	BNC	BNC	BNC	BNC	BNC