FLUORIDE ION SELECTIVE ELECTRODE IJ-F

Combination fluoride ion selective electrode **IJ-F** is designed for fast, easy and accurate measurements of fluoride ions concentration in aqueous solutions. Enables measurements in different types of samples both fluent and semi-solid. It is characterised by fast result stabilisation.

The combinated construction of the electrode, what is placing in one housing both measuring and reference electrodes limits the required volume of the sample and what is connected also limits the volume of sewage.

Untypical construction of the electrode, so called "Intermediate Junction" protects the real junction against contamination and clogging and ensures stabile measurement in the types of solutions and semi-solid substances in which other electrodes quickly loose their efficiency.

Plastic sleeves which protect the junction and membrane are integral part of the electrode. The sleeve may be replaced and it's type is chosen depending on the type of measured substance. It is very easy to keep the electrode clean after taking the sleeve off.

The flouride ISE most often is used for direct fluride ions measurements in drinking water and wastewater. Using different analytical techniques it may be also used for fluoride ions measurements in many different samples like: soil, samples of rocks, plants tissues, food products, different types of beverages, tooth paste, glass, metals etc. The electrode may also be used for fluoride ions titration with lantanium ions solutions.



TECHNICAL DATA

Range	0.02 ÷ 19,00 g/l (19000 ppm)
pH range	5 ÷ 7 pH
Temp. range	0 ÷ 60 °C
Junction	Double,
	Ag/AgCl / 3-mol concentrated Kcl
	or 1-mol potassium nitrate solution
Sensor	Monocristal
Body and sleeve	Polipropylene / PEEK
Length	150 mm
Diameter	12 mm
Cable length	1 m
Connector	BNC

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