

Combined fluoride selective electrode



Compact and easy to clean

Highlights

- 3-in-1: measuring electrode, reference electrode, and temperature sensor
- Compact design
- Easy cleaning of the ground-joint diaphragm
- More precise results due to a uniform electrolyte outflow
- Ideal for direct measurement, standard addition, and titration



The combined fluoride ion selective electrode integrates both the measuring and reference electrode as well as a temperature sensor in a single housing. This design saves space, which makes this sensor ideal for measurements in small sample volumes.

Ground-joint diaphragm for reproducible results

The ground-joint diaphragm with its large surface enables consistent electrolyte outflow on all sides. The signal is therefore more stable and there is a smaller risk of a blocked diaphragm. This benefit allows usage even in contaminated samples without negatively affecting the electrode performance.

Pt1000 for precise ion measurements

The measured potential in the sample solution is temperature dependent. Therefore, it is important to determine the temperature for both the calibration and the sample to achieve highest accuracy per determination. The included Pt1000 enables a fast temperature measurement without needing an additional sensor. With this, handling errors can be reduced.

Ordering information

- 6.00500.300 Combined digital F-ISE with Pt1000
- 6.00500.600 Combined F-ISE with Pt1000
- 6.2308.020 Reference electrolyte c(KCl) = 3 mol/L, 250 mL

The combined F-ISE is available as either an analog or a digital version. The digital version can be used only with OMNIS, and has the advantage that it is automatically recognized by the software and therefore it can be monitored.



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