



Combined Ag-ring electrode with Ag₂S coating

6.00450.100S

Combined silver ring electrode with fixed ground-joint diaphragm.

The permanently fused-in silver ring is resistant to more highly concentrated acids and saline solutions and is coated with sulfide (Ag₂S) for increased sensitivity and a better limit of detection.

This electrode is suitable for precipitation titrations when the pH value varies (titrant silver nitrate) of, e.g.:

- chloride, bromide, iodide
- sulfides
- hydrogen sulfide
- mercaptans
- cyanides

The fixed ground-joint diaphragm is insensitive to contamination.

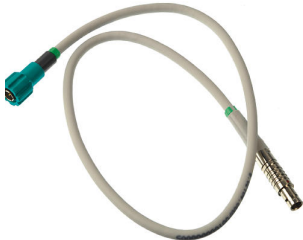
$c(\text{KNO}_3) = 1 \text{ mol/L}$ is used as reference electrolyte and storage solution.

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery 6.00450.100S

Qt.	Order no.	Description	
100 Stk	6.1236.050	Sleeve with SGJ 14/12 mm Sleeve with SGJ 14/12 mm, polyethylene.	
100 Stk	6.2008.040	Storage vessel Together with 6.2008.050 storage vessel holder. it provides a support for the electrode on 807 Dosing Units.	

Optional accessories

Order no.	Description	
6.2104.020	Electrode cable / 1 m / F For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).	
6.2310.010	Electrolyte KNO ₃ -1 mol/L 250 mL Electrolyte solution KNO ₃ 1 M (reference electrolyte for combined silver electrodes)	
6.02104.000	Electrode cable plug-in head G / plug P, 0.55 m Cable for connecting an analog electrode (plug-in head G) to an analog measuring module from OMNIS.	
6.02104.010	Electrode cable plug-in head G / plug P, 1.5 m Cable for connecting an analog electrode (plug-in head G) to an analog measuring module from OMNIS.	