# EtOH-Trode

6.0269.100

Combined pH electrode with double-junction system for pH measurements in nonaqueous media (e.g., for pHe in ethanol).

The electrode is equipped with a fixed ground-joint diaphragm which is insensitive to contamination, and the bridge electrolyte can be freely chosen (aqueous or nonaqueous).
When c(KCl) = 3 mol/L is used as bridge electrolyte, storage in storage solution is recommended. When a different bridge electrolyte is used, storage in the respectively used bridge electrolyte solution is recommended.
The two chambers for reference electrolyte ("INNER FILLING") and bridge electrolyte ("OUTER FILLING") are each filled with c(KCl) = 3 mol/l at the time of delivery.

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 6.0269.100

| Order Number | Description | Quantity |
|---|---|---|
| 6.1236.050 | **Sleeve with SGJ 14/12 mm**<br>Sleeve with SGJ 14/12 mm, polyethylene. | 1 Stk |
| 6.2008.040 | **Storage vessel**<br>Together with 6.2008.050 storage vessel holder. it provides a support for the electrode on 807 Dosing Units. | 1 Stk |

## Optional accessories

6.2308.020
**Electrolyte 3 mol/L KCl (250 mL)**

Electrolyte solution c(KCl) = 3 mol/L, (for Ag/AgCl reference systems)

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6.2323.000
**Storage solution**

Storage solution for all combined pH glass electrodes with reference electrolyte c(KCl) = 3 mol/L

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6.2325.000
**pHit kit**

Maintenance kit for pH electrodes
The kit contains:
– 50 mL cleaning solution
– 50 mL 3M KCl solution
– 50 mL storage solution
– 2 Storage vessels
– Instructions for use

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6.2325.100
**Cleaning solution 3 x 50 mL**

Reliable measuring results over long periods of time can be guaranteed only if the pH glass membrane and the diaphragm receive preventive and regular care. Cleaning by etching with toxic chemicals or applying mechanical treatment to the diaphragm is not only complicated and expensive, it also accelerates the ageing of the pH glass electrode.
The cleaning solution was developed for easy and gentle cleaning of pH glass electrodes. Regular use can considerably prolong their service life.

This cleaning solution is also part of the pHit kit.

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6.2104.020
**Electrode cable / 1 m / F**

For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).

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6.2104.030
**Electrode Cable 2 m / F**

For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).

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6.2310.010
**Electrolyte KNO3-1mol/L 250 mL**

Electrolyte solution $KNO_3$ 1 M (reference electrolyte for combined silver electrodes)

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6.2320.000
**TEABr 0.4 mol/L in ethylene glycol (250 mL)**

Electrolyte solution TEABr (tetraethylammonium bromide in ethylene glycol), c(TEABr) = 0.4 mol/L

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