



# Aquatrode Plus

6.0253.100

Combined pH electrode for pH titrations in ion-deficient aqueous media (e.g., drinking water, process water). This electrode shows a very short response time in these samples. The fixed ground-joint diaphragm is insensitive to contamination.

When  $c(\text{KCl}) = 3 \text{ mol/L}$  is used as bridge electrolyte, storage in storage solution is recommended. The bridge electrolyte can be easily replaced with a chloride-free electrolyte (e.g., potassium nitrate  $c(\text{KNO}_3) = 1 \text{ mol/L}$  (6.2310.010)). Storage in the used bridge electrolyte.

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 6.0253.100

| Qt. | Order no. | Description |
|-----|-----------|-------------|
|-----|-----------|-------------|

1 PCS

6.1236.050

Sleeve with SGJ 14/12 mm

Sleeve with SGJ 14/12 mm, polyethylene.



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1 PCS

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<br><br>For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).                        |    |
| 6.2104.030 | Electrode Cable 2 m / F<br><br>For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).                          |    |
| 6.2308.020 | Electrolyte 3 mol/L KCl (250 mL)<br><br>Electrolyte solution $c(\text{KCl}) = 3 \text{ mol/L}$ , (for Ag/AgCl reference systems)                 |  |
| 6.2310.010 | Electrolyte $\text{KNO}_3$ -1 mol/L 250 mL<br><br>Electrolyte solution $\text{KNO}_3$ 1 M (reference electrolyte for combined silver electrodes) |  |

6.2323.000

## Storage solution

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



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



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.