



# Unitrode with Pt1000

6.0258.600

Combined pH electrode with integrated Pt1000 temperature sensor for pH measurements /titrations. This electrode is particularly suitable:

- for pH measurements and titrations in difficult, viscous, or alkaline samples
- at elevated temperatures
- for long-term measurements

The fixed ground-joint diaphragm is insensitive to contamination.

Reference electrolyte:  $c(\text{KCl}) = 3 \text{ mol/L}$ , storage in storage solution.

Alternatively: reference electrolyte for measurements at  $T > 80^\circ\text{C}$ : Idrolyte, storage in Idrolyte.

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 6.0258.600

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

1 PCS

6.1236.050

Sleeve with SGJ 14/12 mm

Sleeve with SGJ 14/12 mm, polyethylene.



---

1 PCS

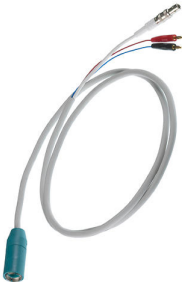
6.2008.040

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                                                                                                                                             |                                                                                       |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 6.2104.600 | Electrode cable for plug in head U/plug F, 2x2 mm B, 1m<br><br>For connecting electrodes with Metrohm plug-in head U to Metrohm instruments (socket F). |    |
| 6.2104.610 | Electrode cable for plug in head U/plug F, 2x2 mm B, 2m<br><br>For connecting electrodes with Metrohm plug-in head U 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)                        |  |
| 6.2308.040 | Idrolyte (250 mL)<br><br>Idrolyte (for 6.0224.100 Electrode and Unitrode at $T > 80^\circ\text{C}$ )                                                    |  |

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.