



Syntrode with Pt1000 (length 36.8 cm)

6.0248.600

Combined pH electrode with integrated Pt1000 temperature sensor, installation length 28.8 cm. This electrode is well suited:

- for use in synthesis and bioreactors, e.g., STAT titrations
- at elevated temperatures
- for long-term measurements

Thanks to the fixed ground-joint diaphragm, the electrode is insensitive to contamination, and it is equipped with a storage vessel for the reference electrolyte.

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 6.0248.600

Order Number	Description	Quantity
6.1236.050	Sleeve with SGJ 14/12 mm Sleeve with SGJ 14/12 mm, polyethylene.	1 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.	1 Stk
		

Optional accessories

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

6.2308.020

Electrolyte 3 mol/L KCl (250 mL)



Electrolyte solution $c(\text{KCl}) = 3 \text{ mol/L}$, (for Ag/AgCl reference systems)

6.2308.040

Idrolyte (250 mL)



Idrolyte (for 6.0224.100 Electrode and Unitrode at $T > 80^\circ\text{C}$)

6.2104.600

**Electrode cable for plug in
head U/plug F, 2x2 mm B, 1m**



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**



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

6.2103.150

**Adapter red 4 mm plug / 2
mm soc**



Adapter for connecting electrodes with 2 mm plug to instruments with 4 mm socket (banana)

6.2323.000

Storage solution

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



6.2325.100

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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