



iUnitrode with Pt1000

6.0278.300

Intelligent, combined pH electrode with integrated memory chip for storing sensor data and Pt1000 temperature sensor. 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.

iTodes can be connected to Titrando, Ti-Touch or 913/914 meters.

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 6.0278.300

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

2.854.0010
854 iConnect



The 854 iConnect – Electrode cable and measuring amplifier for intelligent "iTrodes" electrodes (cable length 150 cm).

6.2308.020
Electrolyte 3 mol/L KCl (250 mL)



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

6.2323.000
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.

6.2308.040

Idrolyte (250 mL)



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