



dAquatrode Plus with Pt1000

6.00202.300

Digital, combined pH electrode for OMNIS, with integrated Pt1000 temperature sensor, for pH measurements /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 bridge electrolyte used.

dTodes can be used on OMNIS Titrators.

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 6.00202.300

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

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)

6.2323.000

Storage solution



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

6.02104.300

**Electrode cable plug-in head
Q / plug P, 0.55 m**

Cable for connecting a dTrobe (plug-in head Q) to the digital measuring module from OMNIS.



6.02104.310

**Electrode cable plug-in head
Q / plug P, 1.5 m**

Cable for connecting a dTrobe (plug-in head Q) to the digital measuring module from OMNIS.



6.2310.010

**Electrolyte KNO₃-1mol/L 250
mL**

Electrolyte solution KNO₃ 1 M (reference electrolyte for combined silver electrodes)



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.
