

Profitrode (length 12.5 cm)

6.0255.100

Combined pH electrode with double-junction construction, installation length 11.3 cm. This electrode is suitable for pH measurements/titrations of samples:

- that contaminate the reference system of the electrode (e.g., galvanic baths, samples containing sulfides)
- for which potassium chloride c(KCl) = 3 mol/L cannot be used as reference electrolyte (e.g., reaction of potassium or chloride with sample)

The electrode is equipped with a flexible ground-joint diaphragm which is insensitive to contamination and which can be replaced when needed.

When c(KCI) = 3 mol/L is used as bridge electrolyte, storage in storage solution is recommended. The bridge electrolyte can be easily replaced with a suitable electrolyte (e.g., potassium nitrate c $(KNO_3) = 1 \text{ mol/L}$ (6.2310.010)), storage in the used bridge electrolyte.

The Profitrode is available in other lengths under the following article numbers:

- 6.0255.110: Length 17.8 cm - 6.0255.120: Length 31.0 cm



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 6.0255.100

Qt.	Order no.	Description	
1 PCS	6.1236.050	Sleeve with SGJ 14/12 mm	
	Sleeve with SGJ 1	4/12 mm, polyethylene.	
1 PCS	6.2008.040	Storage vessel	
	Together with 6.2 the electrode on 8	2008.050 storage vessel holder. it provides a support for 307 Dosing Units.	



Optional accessories

Order no.	Description
6.1243.020	Ground diaphragm
	Spare ground-joint diaphragm for 6.0255.1XX Profitrodes

6.2104.020 Electrode cable / 1 m / F

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



6.2104.030 Electrode Cable 2 m / F

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



6.2308.020 Electrolyte 3 mol/L KCl (250 mL)

Electrolyte solution c(KCI) = 3 mol/L, (for Ag/AgCl reference systems)



6.2310.010 Electrolyte KNO3-1mol/L 250 mL

Electrolyte solution ${\rm KNO_3}$ 1 M (reference electrolyte for combined silver





6.2323.000 Storage solution

Storage solution for all combined pH glass electrodes with reference electrolyte c(KCI) = 3 mol/L



6.2325.000 pHit kit

Maintenance kit for pH electrodes

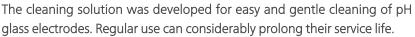
The kit contains:

- 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.





This cleaning solution is also part of the pHit kit.