




Accessories for 2.905.1020

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 2.905.1020

Qty.	Order no.	Description	
2 pcs	1.800.0030	800 Dosino (cable length 1.5 m)	
		Drive with write/read hardware for intelligent dosing units. With permanently attached cable (length 1.5 m).	
1 pcs	1.802.0010	802 Rod Stirrer for 727 Ti Stand	
		Rod stirrer with separate 6.2137.000 Speed controller and 6.1909.010 Propeller stirrer.	
1 pcs	1.804.0010	804 Ti Stand without stand rod	
		Titration stand and controller for 802 Stirrer. The 804 Ti Stand together with the optional 802 Stirrer provides an alternative to the magnetic stirrer. Without stand.	

1 pcs 1.905.0020 905 Titrande

High-end titrator for use with intelligent electrodes – iTrodes – with

- up to four dosing systems of the 800 Dosino type
- dynamic (DET), monotonic (MET) and endpoint titration (SET)
- Measurement with ion-selective electrodes (MEAS CONC)
- Dosing functions (DOS), Liquid Handling
- four MSB connectors
- **two galvanically isolated measuring interfaces**
- USB connector



1 pcs 6.0239.100 Viscotrode

Combined pH electrode for pH measurement / titration of:

- viscous samples (e.g., nutrient solutions, emulsions)
- protein- or sulfide-containing media

The flexible ground-joint diaphragm is insensitive to contamination and easy to clean.
Reference electrolyte: $c(\text{KCl}) = 3 \text{ mol/L}$, storage in storage solution.



1 pcs 6.0507.140 Surfactrode Refill

This surfactant electrode has to be used in combination with a reference electrode and is suitable, e.g., for:

- titrations of surfactants in non-aqueous matrices (without chloroform)
- two-phase titrations ($\text{pH} > 10$)

Thanks to the renewable electrode surface, this electrode offers a practically unlimited working life and is mainly used for samples such as detergents and soap.



1 pcs 6.0726.107 Ag/AgCl reference electrode with KCl (length 12.5 cm)

Silver / silver chloride reference electrode with double junction system, installation length 10 cm. The SGJ 14/15 enables easy assembly and the flexible ground-joint diaphragm, which is insensitive to contamination, can be easily replaced. The reference and bridge electrolyte can be freely selected according to the application and are easy to exchange. This sensor is pre-filled with $c(\text{KCl}) = 3 \text{ mol/L}$ as reference and bridge electrolyte.



1 pcs 6.1546.030 Extractor rod

For PTFE piston of dosing unit



2 pcs **6.1608.023** **Amber glass bottle / 1000 mL / GL 45**
For Exchange Units. Bottle for auxiliary solutions.



1 pcs **6.1909.010** **Stirring propeller / 96 mm**
Propeller stirrer, length from lower edge of SGJ: 96 mm. For use with beakers with 722, 802 Rod Stirrer



1 pcs **6.2001.060** **Support stand without support rod**
To attach an 801, 804, 803 Stirrer to a Titrande, Titrino plus, Dosimat plus or 856 and 867.








1 pcs **6.2013.010** **Clamping ring**






For support rods with a diameter of 10 mm.



1 pcs **6.2016.070** **Support rod / 400 mm**



1 pcs	6.2021.020	Electrode holder Electrode holder for 4 electrodes and 2 buret tips	
2 pcs	6.2043.005	Holding clip for bottles Holding spring for reagent bottles in exchange units.	
2 pcs	6.2103.130	Adapter red 2 mm plug / 4 mm socket For connecting plug B (4 mm) to 2 mm socket.	
2 pcs	6.2103.140	Adapter black 2 mm plug / B socket 4 mm For connecting plug B (4 mm) to 2 mm socket.	
2 pcs	6.2104.020	Electrode cable / 1 m / F For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).	
1 pcs	6.2106.020	Strand / 1 m / 2 x B Electrode cable with 2 x plug B (4 mm) for connecting electrodes with plug-in head B	

1 pcs	6.2151.000 Controller cable	Cable USB A – mini-DIN 8-pin	
1 pcs	6.2307.230 Mixed buffer solutions pH 4.00/7.00/9.00 (25 °C) in single use sachets, colourless, box of 3 x 10 x 30 mL	Buffer solutions pH 4, 7 and 9	
1 pcs	6.2308.050 Electrolyte solution c(KCl) = 3 mol/L (for Ag/AgCl reference systems)	Electrolyte 3 mol/L KCl (50 mL)	
1 pcs	6.2317.030 Titrant for the determination of anionic surfactants	TegoTrant A100 18 g	
1 pcs	6.2317.120 Titration aid for surfactant determinations using two-phase titration	TEGO Add 250 mL	

1 pcs **6.2320.000** **TEABr 0.4 mol/L in ethylene glycol (250 mL)**
Electrolyte solution TEABr (tetraethylammonium bromide in ethylene glycol), $c(\text{TEABr}) = 0.4 \text{ mol/L}$



1 pcs **6.2323.000** **Storage solution**
Storage solution for all combined pH glass electrodes with reference electrolyte $c(\text{KCl}) = 3 \text{ mol/L}$



1 pcs **6.2621.070** **5 mm hex key for IC Sample Processors**



1 pcs **6.2621.130** **Hexagon key 2 mm**
2 mm.



2 pcs **6.3032.220** **Dosing Unit 20 mL**
Dosing unit with integrated data chip with 20 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



1 pcs 6.6056.251 Tiamo 2.5 Light CD: 1 license



tiamo™ 2.5 Light computer program for controlling a titration system.

- Up to two Metrohm instruments (Titrino, Titrand, etc.) can be connected; balances and other generic (i.e. non-Metrohm) instruments can be included without limitation
- Graphical method editor with numerous templates
- Layout manager for individual monitor interface
- Professional database with reevaluation
- High-performance report generator
- Data export as PDF file, CSV, SLK
- No parallel titration
- No data export in XML format for LIMS
- Dialog languages: German, English, French, Italian, Spanish, Czech, Portuguese, Polish, Russian, Slovakian, Japanese, Chinese, Traditional Chinese