





Accessories for 2.848.1010

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 2.848.1010

Qty.	Order no.	Description	
1 pcs	1.801.0010	801 Stirrer	
		Magnetic stirrer without stand for supplementing the Titrino plus, Dosimat plus, Titrandos, Sample Processors, 805 Dosimats and 780/781 pH Meters. With permanently attached cable for MSB (Metrohm Serial Bus).	
1 pcs	1.848.0010	848 Titrino plus	
		Compact titrator for <ul style="list-style-type: none"> • dynamic (DET) titrations with automatic equivalence point finding • monotonic (MET) titrations with automatic equivalence point finding • endpoint titrations (SET) 	
1 pcs	6.0262.100	Ecotrode Plus	
		Combined pH electrode for aqueous acid/base titration. The fixed ground-joint diaphragm is insensitive to contamination. Reference electrolyte: c(KCl) = 3 mol/L, storage in storage solution.	
1 pcs	6.1903.020	Stirring bar / 16 mm	
		Stirring Bar with magnetic core, PTFE coated, length 16 mm	

1 pcs **6.1903.030** **Stirring bar / 25 mm**

Stirring bar with magnetic core, PTFE covering, length 25 mm.



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



1 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 **6.2147.000** **Numerical USB keypad**
Numerical USB keypad for Titrino plus, Dosimat plus, 862 Compact Titr sampler, 869 Compact Sample Changer, 863 Compact Autosampler and 899 Coulometer. With two integrated USB connectors.



1 pcs **6.2151.100** **Adapter USB MINI (OTG) - USB A**
For connecting USB instruments.



1 pcs **6.2307.230** **Buffer solutions pH 4, 7 and 9**
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



1 pcs **6.2308.050** **Electrolyte 3 mol/L KCl (50 mL)**
Electrolyte solution $c(\text{KCl}) = 3 \text{ mol/L}$ (for Ag/AgCl reference systems)



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.



1 pcs **6.2739.010** **Wrench**
For exchange units.



1 pcs 6.3026.220 Exchange Unit 20 mL

Exchange unit with integrated data chip with 20 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, anti-diffusion buret tip and standard amber glass reagent bottle.



1 pcs 6.6061.010 Titrino plus methods USB Stick

Contains the FOOD PAC, WINE PAC and OIL PAC methods for direct import into the Titrino plus.



Optional accessories

Order no.	Description
2.142.0100	Custom Q3X thermal printer

Compact printer with USB interface for

- 900 Touch Control
- 915 KF Ti-Touch
- 916 Ti-Touch
- 917 Coulometer
- 877 / 848 Titrino plus
- 865 / 876 Dosimat plus
- 91X Meter (cable 6.2151.140)
- Eco Dosimat / Titrator
- 862 Compact Titrosampler
- 870 KF Titrino plus
- 899 Coulometer



Paper width 60 mm (40 characters). Including 6.2151.120 USB cable.

6.1115.000 Optrode

Optical sensor for photometric titrations offering 8 different wavelengths. The wavelength can be switched using the software (tiamo 2.5 or higher) or with a magnet. The glass shaft is completely solvent-resistant and easy to clean. For example, this space-saving sensor is suitable for:

- Non-aqueous titrations in accordance with USP or EP
- Determinations of carboxyl end groups
- TAN/TBN in accordance with ASTM D974
- Sulfate determination
- Fe, Al, Ca in cement
- Water hardness
- Chondroitin sulfate in accordance with USP



The sensor is not suitable for determinations of concentrations via measurement of color intensity (colorimetry).

6.2141.230 Remote cable Compact Sample Changer/Compact Autosampler - Titrino plus/Pump Station

Cable for the remote connection between Compact Sample Changer/Compact Autosampler and Titrino plus and/or Pump Station.



6.2141.240 Remote cable Dosimat plus - Compact Sample Changer/Titrino plus

Cable for the remote connection between Dosimat plus and Compact Sample Changer and/or Titrino plus using 6.2141.260 Cable.



6.2141.250 Remote cable Compact Sample Changer - Titrino

Cable for the remote connection between Compact Sample Changer and Titrinos with 25-pin remote socket.



6.2141.260 Remote cable Compact Sample Changer - Dosimat plus and Titrino plus

Cable for remote connection between Compact Sample Changer and Dosimat plus and further devices (e.g. Titrino plus or Pump Station).



6.2151.120 Cable USB MINI (OTG) - USB B, 1.8 m

For connecting USB instruments.



6.2723.310 Protective cover for Titrino plus

Protective cover for display and keypad for all instruments of the Titrino plus family.



Suitable for: 848 Titrino plus, 862 Compact Titr sampler, 863 Compact Autosampler, 865 Dosimat plus, 869 Compact Sample Changer, 870 KF Titrino plus, 876 Dosimat plus, 877 Titrino plus, 899 Coulometer.

6.3026.110 Exchange Unit 1 mL

Exchange Unit with integrated data chip with 1 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, antidiffusion buret tip and standard amber glass reagent bottle.



6.3026.150 Exchange Unit 5 mL

Exchange Unit with integrated data chip with 5 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, anti-diffusion buret tip and standard amber glass reagent bottle.



6.3026.210 Exchange Unit 10 mL

Exchange unit with integrated data chip with 10 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, anti-diffusion buret tip and standard amber glass reagent bottle.



6.3026.250 Exchange unit 50 mL

Exchange unit with integrated data chip with 50 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, antidiiffusion tip and standard amber glass reagent bottle.



6.6063.112 tiBase 1.1 full (1 license)

PC program for managing titration data.



The following instruments are supported:

- 899 Coulometer
- 848 Titrino plus
- 862 Compact Titr sampler
- 870 Titrino plus
- 877 Titrino plus
- 840 Touch Control (Titrand)
- 900 Touch Control (Titrand)
- 912 Conductometer
- 913 pH Meter
- 914 pH/Conductometer
- 915 KF Ti-Touch
- 916 Ti-Touch
- 917 Coulometer