




Accessories for 2.862.2110

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 2.862.2110

Qty.	Order no.	Description	
1 pcs	1.142.0100	Custom Q3X thermal printer	
		Compact printer with USB interface for	
		<ul style="list-style-type: none"> • 900 Touch Control • 915 KF Ti-Touch • 916 Ti-Touch • 917 Coulometer • 877 / 848 Titrino plus • 865 / 876 Dosimat plus • 91X Meter • Eco Dosimat / Titrator 	
		Paper width 60 mm (40 characters). Including 6.2151.120 USB cable.	
1 pcs	1.800.0040	800 Dosino (cable length 0.65 m)	
		Drive with write/read hardware for intelligent dosing units. With permanently attached cable (length 0.65 m).	
1 pcs	1.802.0020	802 Stirrer	
		Rod stirrer for sample changer and Sample Processor.	
		With 6.1909.020 Propeller stirrer 104 mm and fixed cable.	

1 pcs 1.862.0010 862 Compact Titrosampler

The 862 Compact Titrosampler – titrator and sample changer in one – is a completely automated titration station with the support surface of a commercially available analytical balance.

Compact and economical instrument for the automatic performance of dynamic (DET) and monotonic (MET) titrations with automatic equivalence point finding and endpoint titrations (SET) in a very small space.

Various titrations can be performed fully automatically and the electrodes can be cleaned and stored in a total of 12 positions.

The titration curve is directly in view thanks to the large, clearly organized Live Display and the current status of the sample series is recognizable at once. Pressing samples can be given priority analysis at any time.



1 pcs 6.00430.100 Ag Titrode

Combined silver ring electrode with a pH glass membrane as reference electrode.

This maintenance-free electrode is suitable for precipitation titrations when the pH value remains constant (titrant silver nitrate), for example of:

- chloride, bromide, iodide
- sulfides
- hydrogen sulfide
- mercaptans
- cyanides

This electrode is stored in distilled water.

Depending on the application, we recommend using an Ag Titrode with a coating (AgBr, AgCl or Ag₂S coating), which can be ordered accordingly.



2 pcs 6.1446.000 SGJ stopper / B-14/(15)


1 pcs 6.1459.300 Sample beaker, plastic (PP), 120 mL, 250 pieces

Sample beaker, plastic (polypropylene, PP), 120 mL, suitable for sample racks: 6.2041.470, 6.2041.840, 6.2041.850, 6.2068.010, 6.2068.020, 6.2068.030, and 6.9920.141, 250 pieces



1 pcs **6.1546.030** **Extractor rod**
For PTFE piston of dosing unit



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



1 pcs **6.1815.010** **Spiral band 0.5 m**
For holding together different cables or tubing.



1 pcs **6.1909.050** **Propeller for 120 mL beaker (6.1459.300)**
Propeller for 802 Stirrer when this is used with sample racks for 120 mL beakers (6.1459.300)



1 pcs **6.2103.130** **Adapter red 2 mm plug / 4 mm socket**
For connecting plug B (4 mm) to 2 mm socket.



1 pcs 6.2103.140 Adapter black 2 mm plug / B socket 4 mm

For connecting plug B (4 mm) to 2 mm socket.



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

For connecting USB instruments.



1 pcs	6.2621.130 2 mm.	Hexagon key 2 mm	
1 pcs	6.2621.140	Hexagon key 2.5 mm	
1 pcs	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 Titrosampler, 863 Compact Autosampler, 865 Dosimat plus, 869 Compact Sample Changer, 870 KF Titrino plus, 876 Dosimat plus, 877 Titrino plus, 899 Coulometer.			
1 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	6.6061.010	Titrino plus methods USB Stick	
Contains the FOOD PAC, WINE PAC and OIL PAC methods for direct import into the Titrino plus.			

4 pcs **6.9001.050** **Thermal paper for Custom Neos-N / Q3X**

Thermal paper 60 mm / 25 m for Custom Neos-N / Q3X.
New: 25-year legibility with correct storage.

1 roll



Optional accessories

Order no.	Description
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2.843.0130 843 Pump Station (peristaltic) - rinse/aspirate for Compact Sample Changer

The 843 Pump Station (peristaltic) has two built-in peristaltic pumps. These can be controlled directly from the 869 Compact Sample Changer via remote signals. The Rinse / Aspirate version is provided with all the accessories needed for automatically emptying the titration beaker and rinsing the titration equipment. The accessories are defined for usage with the 869 Compact Sample Changer.



2.865.0010 865 Dosimat plus

Universal dispensing unit for titration and dosing tasks in the laboratory. Including push-button cable for manual dispensing control and 6.3026.220 exchange unit (20 mL). A multitude of instruments can be connected at the USB interface of the Dosimat plus, even a number of them simultaneously when a USB hub is used (keyboard, mouse, USB compact printer or USB DIN A4 printer, USB Memory Stick for methods and data backup). The optional 6.2148.030 USB/RS-232 Adapter Box enables the connection of laboratory balances and operation with a computer.

With its four dosing modes, the Dosimat plus offers a multitude of applications:

DOS (Dosing) – Dosing at the press of a button

This mode is particularly suitable for performing manual titrations with indicator. A result can be calculated and a result report can be printed automatically from the dosed volume.

XDOS (Extended dosing) – Controlled dosing

- Fixed volume dosing: The volume and the dosing rate are specified.
- Time-controlled dosing: The volume and the time are specified.
- Dosing according to dosing rate: The dosing rate and the time are specified.

If continuous dosing without interruption is required, then the 865 Dosimat plus can be operated together with an 805 Dosimat in tandem mode.

CNT D (Content dosing) – Preparation of standard and other solutions.

The volume of the solvent to be dosed is determined automatically on the basis of the sample size of the starting substance (solid or stock solution) and the specified target concentration.

LQT (Liquid transfer) – Pipetting and diluting of liquids.



2.876.0010 876 Dosimat plus

Universal dispensing unit for manual titrations and dosings. Including push-button cable for manual dosing control and 20 mL exchange unit. A multitude of instruments can be connected at the USB interface of the Dosimat plus, even a number of them simultaneously when a USB hub is used (keyboard, mouse, USB compact printer or USB DIN A4 printer, USB Memory Stick for methods and data backup). The optional 6.2148.030 USB/RS-232 Adapter Box enables the connection of laboratory balances and operation with a computer. With its two dosing modes, the Dosimat plus offers the following applications:

DOS (Dosing) – Dosing at the press of a button

This mode is particularly suitable for performing manual titrations with indicator. A result can be calculated and a result report can be printed automatically from the dosed volume.

XDOS (Extended dosing) – Controlled dosing

- Fixed volume dosing: The volume and the dosing rate are specified.
- Time-controlled dosing: The volume and the time are specified.
- Dosing according to dosing rate: The dosing rate and the time are specified.



6.2058.120 Fastening plate for Dosino holder

Fastening plate for flexible connection of the Dosino holder at the 862 Compact Titrosampler. Thanks to the arbitrary mounting height it is easy to connect reagent bottles of different suppliers.



6.2136.010 Remote cable (9p) - Dosimat (2xSt B)

For 870 Titrimo Plus and 862 Compact Titrosampler



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

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



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

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



6.3032.150 Dosing Unit 5 mL

Dosing unit with integrated data chip with 5 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



6.3032.210 Dosing Unit 10 mL

Dosing unit with integrated data chip with 10 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



6.3032.250 Dosing Unit 50 mL

Dosing unit with integrated data chip with 50 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



6.5621.000 Rinsing/aspiration equipment for 869 Compact Sample changer or 862 Compact Titrosampler

For usage of 869 Compact Sample Changer or 862 Compact Titrosampler in combination with a pump for rinsing/aspiration.

