




## Accessories for 2.862.1110

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 2.862.1110

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

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**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.




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**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:  $c(\text{KCl}) = 3 \text{ mol/L}$ , storage in storage solution.




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



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**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




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**1 pcs    6.1546.030    Extractor rod**

For PTFE piston of dosing unit



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**1 pcs**      **6.1608.030**      **Round glass bottle / 1000 mL / GL 45**



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



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**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)



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**1 pcs**      **6.2104.020**      **Electrode cable / 1 m / F**  
For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).



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**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.



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**1 pcs    6.2151.100    Adapter USB MINI (OTG) - USB A**

For connecting USB instruments.



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

For connecting USB instruments.



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**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



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**1 pcs    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



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**1 pcs    6.2621.130    Hexagon key 2 mm**

2 mm.



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**1 pcs    6.2621.140    Hexagon key 2.5 mm**

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**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.



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**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.



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**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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<b>2.843.0030</b>	<b>843 Pump Station (membrane) - rinse/aspirate for Compact Sample Changer</b>
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The 843 Pump Station (membrane) has two built-in membrane 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 is defined for usage with the 869 Compact Sample Changer.



<b>2.843.0130</b>	<b>843 Pump Station (peristaltic) - rinse/aspirate for Compact Sample Changer</b>
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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.



<b>2.865.0010</b>	<b>865 Dosimat plus</b>
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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.



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**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.

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**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.



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**6.2103.130 Adapter red 2 mm plug / 4 mm socket**

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



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**6.2103.140 Adapter black 2 mm plug / B socket 4 mm**

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



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

For 870 Titrino Plus and 862 Compact Titrosampler



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**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.



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**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.



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**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.

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**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.



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**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.



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**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.





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**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.

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