






## Accessories for 2.851.1010

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 2.851.1010

Qty.	Order no.	Description	
1 pcs	1.801.0010	<b>801 Stirrer</b>	
		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	1.851.0010	<b>851 Titrando</b>	
		Coulometry is the ideal method for water determination in liquids, solids and gases when it comes to water determination in the trace range (10 µg to 10 mg absolute water). In addition, coulometry is an absolute method and thus no titer determination is necessary.  Coulometric titrations are carried out easily and quickly with the <b>851 Titrando</b> .  Recommended measuring range: 10 µg - 200 mg absolute water	
1 pcs	1.860.0010	<b>860 KF Thermoprep</b>	
		The 860 KF Thermoprep is designed for thermal sample preparation in Karl Fischer titration.  Numerous substances cannot be analysed by direct Karl Fischer titration as they are not soluble, react with the Karl Fischer reagent or release their water only very slowly or not until heated to high temperatures. Using tightly sealed sample vials, the sample is inserted in the oven. The samples can be subsequently analysed by any volumetric or coulometric KF titrator.	
1 pcs	6.0341.100	<b>Double Pt-wire electrode for coulometry</b>	
		Indicator electrode used for coulometric Karl Fischer titration.	
1 pcs	6.0344.100	<b>Generator electrode with diaphragm</b>	
		Generator electrode with diaphragm for coulometric Karl Fischer titrations, SGJ 29/22. This generator electrode is well suited for: <ul style="list-style-type: none"> <li>• samples with very low absolute water contents &lt; 50 ppm</li> <li>• coulometric water content determination in oil samples</li> <li>• applications where ketone reagents are used</li> <li>• applications where low-conducting reagents are used (addition of chloroform, xylene &gt;10%)</li> </ul>	

1 pcs	6.1403.030	<b>KF adsorber tube for coulometer cell</b>	For KF coulometers.	
1 pcs	6.1437.000	<b>SGJ stopper SGJ 14</b>		
1 pcs	6.1446.060	<b>Stopper / B-14/15 / M10</b>		
1 pcs	6.1446.170	<b>Heating tube stopper</b>	for coulometric KF vessels in connection with heatable tubing connection	
2 pcs	6.1448.020	<b>Septum 16 mm, 5 pieces</b>	Set of 5 pcs.	
1 pcs	6.1448.057	<b>Aluminum septum caps / 100 pieces</b>	Including Al sealing.	

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**1 pcs**     **6.1464.320**     **KF titration vessel / 80-250 mL / coulometric**



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**2 pcs**     **6.1602.145**     **Drying flask cap**

Screw cap with GL 45 thread for the 6.1608.050 drying flask.



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**2 pcs**     **6.1608.050**     **Drying bottle / 100 mL / GL 45**



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**1 pcs**     **6.1805.010**     **FEP tubing / M6 / 13 cm**

With light and kink protection.



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**2 pcs**     **6.1805.080**     **FEP tubing / M6 / 25 cm**  
With light and kink protection.



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**1 pcs**     **6.1805.100**     **FEP tubing / M6 / 40 cm**  
With light and kink protection



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**1 pcs**     **6.1808.040**     **Thread adapter M6 outer / M8 inner**  
Outer thread M6, inner thread M8.



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**1 pcs**     **6.1808.050**     **Tubing adapter olive / M8 outer**  
1 M8 outer thread and 1 tubing olive. E.g. for thermostat jacket of exchange units and stability measuring instruments.



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**2 pcs**     **6.1821.040**     **Filter tube**  
Filter tube for 6.1608.050 Drying bottle. For Rancimats and Karl Fischer ovens.



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**1 pcs**     **6.1830.030**     **Heating tubing**  
Heating tubing with M6 thread for 860 KF Thermoprep, 885 Compact Oven Sample Processor and 874 USB Oven Sample Processor.



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**1 pcs**     **6.1903.030**     **Stirring bar / 25 mm**  
Stirring bar with magnetic core, PTFE covering, length 25 mm.



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**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.



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**1 pcs**     **6.2013.010**     **Clamping ring**  
For support rods with a diameter of 10 mm.



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**1 pcs**     **6.2016.030**     **Support rod / 250 mm**



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**2 pcs**     **6.2043.005**     **Holding clip for bottles**

Holding spring for reagent bottles in exchange units.



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**1 pcs**     **6.2047.020**     **Titration vessel holder**

Titration vessel holder for coulometric cells. Used with 756, 831 KF Coulometer



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**1 pcs**     **6.2048.030**     **Guidance rod**

Guidance rod for 860 KF Thermoprep.



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**1 pcs**     **6.2049.040**     **Needle holder with Luer lock**

Needle holder (58 mm) with Luer lock for the Karl Fischer ovens 860, 874 and 885.



**1 pcs**     **6.2060.010**     **Cable holder**  
Used with 860 KF Thermoprep.



**1 pcs**     **6.2063.010**     **Sample holder for 6.2419.007 Sample vials (6 mL)**



**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**     **6.2104.120**     **Electrode cable / 1 m / H**  
With plug H. For connecting generator electrode - KF Coulometer.



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<b>1 pcs</b>	<b>6.2151.000</b>	<b>Cable USB A – mini-DIN 8-pin</b> Controller cable	
<b>1 pcs</b>	<b>6.2419.007</b>	<b>Sample glass, 6 mL, 100 pieces</b> Sample glass, 6 mL, suitable for 6.1448.057 septum, 100 pieces	
<b>1 pcs</b>	<b>6.2621.110</b>	<b>Crimping tongs</b> Crimping tongs for sealing 6 mL sample vials (6.2419.000, 6.2419.007).	
<b>1 pcs</b>	<b>6.2621.120</b>	<b>Hexagon key 1.5 mm</b>	
<b>1 pcs</b>	<b>6.2621.130</b>	<b>Hexagon key 2 mm</b> 2 mm.	
<b>1 pcs</b>	<b>6.2627.000</b>	<b>Oven insert</b> Used with 860 KF Thermoprep.	

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**1 pcs**     **6.2701.040**     **GL 18 screw cap with hole**  
Made of PBT. With a hole for the 6.1448.020 septum. For the 6.5405.000 cell without diaphragm and the 6.1464.32X and 6.1465.320 titration vessels.



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**3 pcs**     **6.2713.000**     **Sleeve**  
For the fat-free ground-joint connection with the standard ground-joint SGJ 14.



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**1 pcs**     **6.2713.010**     **Sleeve**  
Sleeve for the fat-free ground-joint connection with the standard ground-joint SGJ 29.



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**1 pcs**     **6.2713.020**     **Sleeve**  
For the fat-free ground-joint connection with the standard ground-joint SGJ 19.



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**1 pcs**     **6.2724.010**     **Dust filter**  
Dust filter for Rancimats and Karl Fischer ovens.



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**1 pcs**     **6.2730.030**     **Stopper**  
Complete with nipple and O-ring. For 6.1414.030 titration vessel lids. For KF instruments, VA measurement stands, VA Computrace and IC Dilution.



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**1 pcs**     **6.2738.000**     **Funnel**

For the KF coulometer.



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**1 pcs**     **6.2739.000**     **Wrench**

For tightening connectors



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**1 pcs**     **6.2811.000**     **Molecular sieve**

Molecular sieve. Bottle containing 250 g. Pore size: 0.3 nm. Without moisture indicator. For Rancimats and Karl Fischer instruments.



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**2 pcs**     **6.2816.030**     **Needle with Luer connector**

Needle for filling in mercury into the Multi-Mode Electrode and for sample addition in Karl Fischer titration.



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**1 pcs    6.2816.070    Needle for gas inlet**

Used with KF Thermoprep.



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**1 pcs    6.2816.080    Outlet needle**

Used with KF Thermoprep and Oven Sample Processor.



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**2 pcs    6.2816.090    Syringe 5 mL**

5 mL syringe made of PP, with Luer connector.



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**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, Titrando, 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