

## 2.874.0110

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**1      1.874.0010      874 USB Oven Sample Processor**

The 874 Oven Sample Processor is used for automatic thermal sample preparation in Karl Fischer titration. The oven method is particularly suitable for samples that do not release their water until higher temperatures have been reached, for sparingly soluble samples or those that react with the KF reagent.



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**1      6.1446.170      Heating tube stopper**

for coulometric KF vessels in connection with heatable tubing connection



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**3      6.1448.057      Aluminum septum caps / 100 pieces**

Including Al sealing.



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**2      6.1602.145      Drying flask cap**

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



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

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- 2**      **6.1805.010**      **FEP tubing / M6 / 13 cm**  
With light and kink protection.



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- 1**      **6.1805.050**      **FEP tubing / M6 / 18 cm**  
With light and kink protection



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- 1**      **6.1805.470**      **FEP tubing / M6 / 44 cm**  
With light and kink protection



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



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- 1**      **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**      **6.1821.040**      **Filter tube**  
Filter tube for 6.1608.050 Drying bottle. For Rancimats and Karl Fischer ovens.



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



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- 1**      **6.2041.720**      **Sample rack 36 x 6 mL for 874**  
Sample rack for 36 x 6 mL sample vials (6.2419.000), one-row



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**1      6.2049.040      Needle holder with Luer lock**

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



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**1      6.2049.050      Needle holder with Luer lock**

Needle holder (73 mm) with Luer lock for the Karl Fischer ovens 860, 874 and 885.



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**1      6.2053.000      Cable clip**  
Cable clip for fastening cables and tubes

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**1      6.2063.020      Sample holder**  
Sample holder for 6 mL sample vials (6.2419.000), for 874

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**1      6.2151.000      Cable USB A – mini-DIN 8-pin**  
Controller cable

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**3      6.2419.007      Sample glass, 6 mL, 100 pieces**  
Sample glass, 6 mL, suitable for 6.1448.057 septum, 100 pieces

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1	6.2621.100	3 mm hex key for IC Sample Processors	
1	6.2621.110	<b>Crimping tongs</b> Crimping tongs for sealing 6 mL sample vials (6.2419.000, 6.2419.007).	
1	6.2621.130 2 mm.	<b>Hexagon key 2 mm</b>	
1	6.2621.140	<b>Hexagon key 2.5 mm</b>	
1	6.2627.010	<b>Oven insert</b> Used with 874 USB Oven Sample Processor	

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



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- 1**      **6.2739.000**      **Wrench**  
For tightening connectors



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- 1**      **6.2751.140**      **Safety shield**  
  
Safety shield for 874 USB Oven Sample Processor, made of PMMA.



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- 1**      **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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- 1**      **6.2816.070**      **Needle for gas inlet**  
Used with KF Thermoprep.



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- 1**      **6.2816.080**      **Outlet needle**  
Used with KF Thermoprep and Oven Sample Processor.



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**2.800.0010      800 Dosino**

Drive with write/read hardware for intelligent Dosing Units. With fixed cable (length 150 cm).



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**2.801.0010      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).



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**2.831.0110      831 KF Coulometer with generator electrode without diaphragm**

Inexpensive coulometer including titration cell with generator electrode without diaphragm for water content determination down to trace levels.

This coulometer has become indispensable in many laboratories thanks to its reliability, its backlit graphical display, the multi-language dialog and the simplicity of its operation. The clear display provides information regarding the relevant titration parameters and unambiguous indication of the progress of the titration in the form of a curve showing  $\mu\text{g}$  water over time.

Recommended measuring range: 10  $\mu\text{g}$  - 200 mg absolute water



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**2.851.0110      851 Titrandos with generator electrode without diaphragm**

**Coulometer including generator electrode without diaphragm.**

Coulometry is the ideal method for water determination in liquids, solids and gases when it comes to water determination in the trace range (10  $\mu\text{g}$  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 **851 Titrandos**.

Recommended measuring range: 10  $\mu\text{g}$  - 200 mg absolute water



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**2.852.0150      852 Titrandos with generator electrode without diaphragm**

**Coulometer including generator electrode without diaphragm and complete volumetric titration cell**

Coulometry is the ideal method for water determination in liquids, solids and gases when it comes to water determination in the trace range (10  $\mu\text{g}$  to 10 mg absolute water). In addition, coulometry is an absolute method and thus no titer determination is necessary.

Recommended coulometry measuring range: 10  $\mu\text{g}$  - 200 mg absolute water.

The **852 Titrandos** controls not only coulometric, but also volumetric Karl Fischer titration.





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**2.901.0010      901 Titrande**

The Karl Fischer Titrande for the modern titration laboratory

In addition to the Karl Fischer mode (KFT), the high-end titrator is also equipped with the SET mode and can thus perform titrations to a predefined endpoint.

"iTrode ready": As a result of the high-resolution, galvanic measuring interface – now also for the first time with additional digital measuring input for the intelligent "iTrodes" electrodes – it is additionally possible to perform pH measurements with a maximum of precision.

Thanks to the four MSB connectors, up to four Dosinos can be connected to the 901 Titrande. These can be used not only for titration, but also for the automated addition of sample, standard and auxiliary solutions such as solubility promoters. Furthermore, you have all of the Liquid Handling commands at your disposal, which means that the aspiration of exhausted reagent and the addition of fresh solvent can also be automated.




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**6.1448.050      Aluminum septum caps / 1000 pieces**

Including AI sealing.




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**6.2419.000      Sample glass, 6 mL, 1,000 pieces**

Sample glass, 6 mL, suitable for 61448050 septum, 1,000 pieces




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**6.3032.120      Dosing Unit 2 mL**

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




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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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**6.3032.220      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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**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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**6.5618.000      Measuring equipment for checking the temperature**

Measuring equipment for checking the temperature of 774 Oven Sample Processor, 832, 860 Thermoprep.

