




874 Oven Sample Processor

2.874.0120

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 2.874.0120

Qt.	Order no.	Description	
1 PCS	1.874.0010	874 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.	
1 PCS	6.1446.170	Heating tube stopper for coulometric KF vessels in connection with heatable tubing connection	
3 PCS	6.1448.057	Aluminum septum caps / 100 pieces Including Al sealing.	

2 PCS

6.1602.145

Drying flask cap

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



2 PCS

6.1608.050

Drying bottle / 100 mL / GL 45



2 PCS

6.1805.010

FEP tubing / M6 / 13 cm

With light and kink protection.



1 PCS

6.1805.050 FEP tubing / M6 / 18 cm

With light and kink protection



1 PCS

6.1805.470 FEP tubing / M6 / 44 cm

With light and kink protection



1 PCS

6.1808.040 Thread adapter M6 outer / M8 inner

Outer thread M6, inner thread M8.



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.



2 PCS

6.1821.040 Filter tube

Filter tube for 6.1608.050 Drying bottle. For Rancimats and Karl Fischer ovens.



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.



1 PCS

6.2013.010

Clamping ring

For support rods with a diameter of 10 mm.



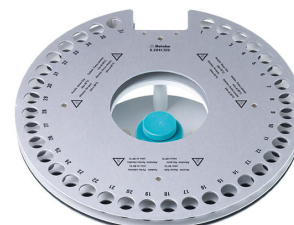
1 PCS

6.2041.720

Sample rack, 36 x 6 mL, (Al)

Sample rack for 874 Oven Sample Processor, suitable for 36 sample vessels. The following sample vessels can be used: 6.2419.000.

Material: Aluminum (Al)



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

6.2049.050

Needle holder with Luer lock

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



1 PCS

6.2053.000 Cable clip

Cable clip for fastening cables and tubes



1 PCS

6.2063.020 Sample holder

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



1 PCS

6.2151.000 Cable USB A – mini-DIN 8-pin

Controller cable



3 PCS

6.2419.007 Sample glass, 6 mL, 100 pieces

Sample glass, 6 mL, suitable for 6.1448.057 septum, 100 pieces



1 PCS

6.2621.100

3 mm hex key for IC Sample Processors



1 PCS

6.2621.110

Crimping tongs

Crimping tongs for sealing 6 mL sample vials (6.2419.000, 6.2419.007).



1 PCS

6.2621.130

Hexagon key 2 mm

2 mm.



1 PCS

6.2621.140

Hexagon key 2.5 mm



1 PCS

6.2627.010

Oven insert

Used with 874 USB Oven Sample Processor



1 PCS

6.2724.010

Dust filter

Dust filter for Rancimats and Karl Fischer ovens.



1 PCS

6.2739.000

Wrench

For tightening connectors



1 PCS

6.2751.140

Safety shield

Safety shield for 874 USB Oven Sample Processor, made of PMMA.



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.



1 PCS

6.2816.070 Septum piercing needle

Used with Karl Fischer ovens.




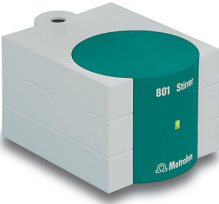

1 PCS

6.2816.080 Outlet needle

Used with KF Thermoprep and Oven Sample Processor.



Optional accessories

Order no.	Description	
2.800.0010	800 Dosino Drive with write/read hardware for intelligent Dosing Units. With fixed cable (length 150 cm).	
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).	
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 μg water over time. Recommended measuring range: 10 μg - 200 mg absolute water	

Coulometer including generator electrode without diaphragm.

Coulometry is the ideal method for water content determination in liquids, solids, and gases when it comes to water content 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 **851 Titrando**.

Recommended measuring range: 10 µg - 200 mg absolute water.

For use with OMNIS Software, *tiamo* software, or Touch Control unit. Compliance with GMP/GLP and FDA regulations such as 21 CFR Part 11, if required.

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

Coulometry is the ideal method for water content determination in liquids, solids, and gases when it comes to water content 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.

Recommended coulometry measuring range: 10 µg - 200 mg absolute water.

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

For use with OMNIS Software, *tiamo* software, or Touch Control unit. Compliance with GMP/GLP and FDA regulations such as 21 CFR Part 11, if required.



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.

For use with OMNIS Software, *tiamo* software, or Touch Control unit. Compliance with GMP/GLP and FDA regulations such as 21 CFR Part 11, if required



6.1448.050**Aluminum septum caps / 1000 pieces**

Including Al sealing.



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

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



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.



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.



6.3032.220

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.



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.



6.5618.000

Measuring equipment for checking the temperature

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

