



874 Oven Sample Processor

2.874.0120

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.

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

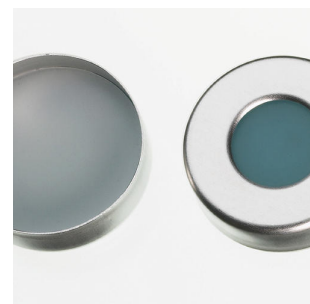


3 PCS

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.



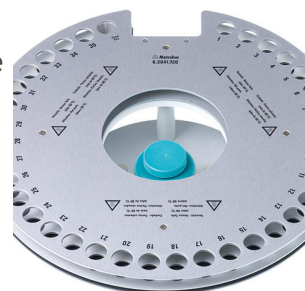
1 PCS

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 for up to 6 mL sample, 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

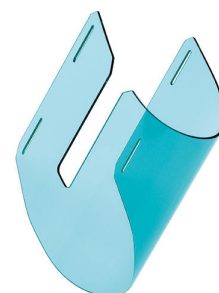


1 PCS

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


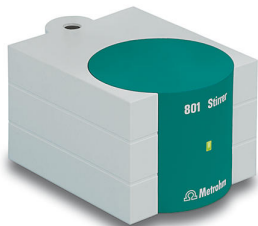

6.2816.080

Outlet needle

Used with KF Thermoprep and Oven Sample Processor.



Optional accessories

Order no.	Description	
2.800.0010	800 Dosino	
	The 800 Dosino is a 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).	
2.851.0110	851 Titrandos with generator electrode without diaphragm	
	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 Titrandos.	
	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 Titrando 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.

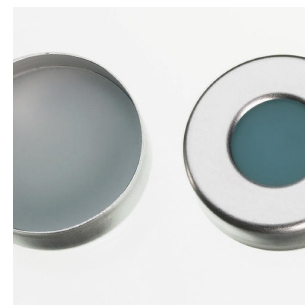
"iTrode ready": As a result of the high-resolution, galvanic measuring interface – now also for the first time with additional digital measuring input for the intelligent "iTrodes" electrodes – it is additionally possible to perform pH measurements with a maximum of precision.

Thanks to the four MSB connectors, up to four Dosinos can be connected to the 901 Titrando. 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, 1000 pieces

Sample glass for up to 6 mL sample, suitable for 6.1448.050 septum, 1,000 pieces



6.3032.120 807 Dosing Unit 2 mL

807 Dosing Unit with integrated data chip with 2 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.3032.150 807 Dosing Unit 5 mL

807 Dosing Unit with integrated data chip with 5 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.3032.210

807 Dosing Unit 10 mL

807 Dosing Unit with integrated data chip with 10 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.3032.220

807 Dosing Unit 20 mL

807 Dosing Unit with integrated data chip with 20 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.3032.250

807 Dosing Unit 50 mL

807 Dosing Unit with integrated data chip with 50 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.5618.000

Measuring equipment for checking the temperature

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

