



874 Oven Sample Processor special vials

2.874.0130

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.

This instrument can be modified to match customer-specific sample vessels. Please contact your Metrohm representative for further information.

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 2.874.0130

Qt.	Order no.	Description
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1 PCS

1.874.0010

874 Oven Sample Processor

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1 PCS

6.1446.170

Heating tube stopper

for coulometric KF vessels in connection with heatable tubing connection



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

6.2053.000

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



1 PCS

6.2621.100

3 mm hex key for IC Sample Processors



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

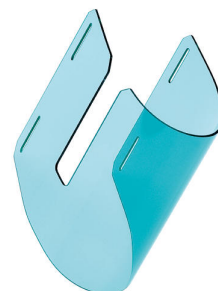


1 PCS

6.2751.140

Safety shield

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



1 PCS

6.2816.070

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
2.851.0010	851 Titrande with generator electrode with diaphragm Coulometer including generator electrode with diaphragm and 801 Magnetic Stirrer. 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 Titrande. 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
2.851.0110	851 Titrande 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 Titrande. 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 with diaphragm, 801 Magnetic Stirrer, 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.



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.



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).



6.2041.730

Sample rack, 25 x 2-30 mL, (Al)

Sample rack for 874 Oven Sample Processor, suitable for 25 sample vessels. The following sample vessels can be used: sample vessel (16 to 32.4 mm diameter).

Material: Aluminum (Al)



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)



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

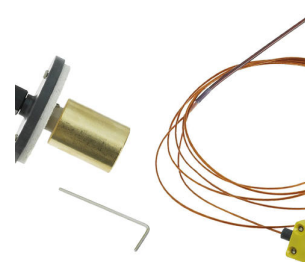
807 Dosing Unit with integrated data chip with 50 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.5618.000

Measuring equipment for checking the temperature

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



6.2049.040

Needle holder with Luer lock

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



6.2049.050

Needle holder with Luer lock

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



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.



6.2811.010

Molecular sieve (US)

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

This product is intended for all users who are US residents. The material is rated hazardous in the US in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200).

