



831 KF Coulometer and 860 KF Thermoprep

2.831.2010

This titration system is comprised of an 831 Coulometer (with generator electrode with diaphragm) and an 860 KF Thermoprep.

This means that samples unsuitable for direct Karl Fischer titration can be analyzed. With the aid of tightly sealed sample vials, the samples are moved into the oven of the 860 KF Thermoprep. The sample is heated up, the water it contains is vaporized and channeled into the titration cell. The water content of the sample is then determined with the 831 Coulometer.

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 2.831.2010

Qt.	Order no.	Description
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For mounting on a stand rod 10 mm dia.; without base plate (or holder) and without stand rod; without power adapter, with fixed connecting cable.



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.



Indicator electrode used for coulometric Karl Fischer titration.



1 PCS

6.0344.100

Generator electrode with diaphragm

Generator electrode with diaphragm for coulometric Karl Fischer titrations, SGJ 29/22.

This generator electrode is well suited for:

- samples with very low absolute water contents < 50 ppm
- coulometric water content determination in oil samples
- applications where ketone reagents are used
- applications where low-conducting reagents are used (addition of chloroform, xylene >10%)



1 PCS

6.1403.030

KF adsorber tube for coulometer cell

For KF coulometers.



1 PCS

6.1437.000

SGJ stopper SGJ 14



1 PCS

6.1446.060

Stopper / B-14/15 / M10



1 PCS

6.1446.170

Heating tube stopper

for coulometric KF vessels in connection with heatable tubing connection



2 PCS

6.1448.020

Septum 16 mm, 5 pieces

Set of 5 pcs.

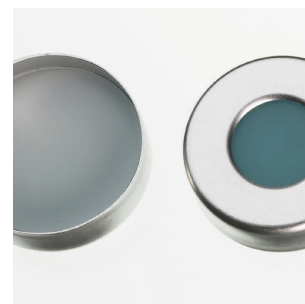


1 PCS

6.1448.057

Aluminum septum caps / 100 pieces

Including Al sealing.



1 PCS

6.1464.320

KF titration vessel / 80-250 mL / coulometric



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



1 PCS

6.1805.010

FEP tubing / M6 / 13 cm

With light and kink protection.



2 PCS

6.1805.080

FEP tubing / M6 / 25 cm

With light and kink protection.



1 PCS

6.1805.100

FEP tubing / M6 / 40 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

6.1903.030

Stirring bar / 25 mm

Stirring bar with magnetic core, PTFE covering, length 25 mm.



1 PCS

6.2001.050

Support stand without support rod

Used with 756, 831 KF Coulometer and 728 Magnetic Swing-out Stirrer



1 PCS

6.2013.010

Clamping ring

For support rods with a diameter of 10 mm.

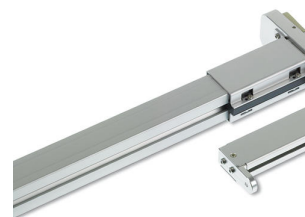




Titration vessel holder for coulometric cells. Used with 756, 831 KF Coulometer



Guidance rod for 860 KF Thermoprep.



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

6.2104.020

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.



1 PCS

6.2130.090

Keyboard for 831

Keyboard for 831 KF Coulometer



1 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

6.2621.110

Crimping tongs

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



1 PCS

6.2621.120

Hexagon key 1.5 mm



1 PCS 6.2621.130 Hexagon key 2 mm
2 mm.



1 PCS 6.2627.000 Oven insert
Used with 860 KF Thermoprep.



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.



3 PCS 6.2713.000 PTFE sleeve SGJ14
For fat-free ground-joint connection with the standard ground-joint SGJ 14.



1 PCS

6.2713.010

PTFE sleeve SGJ29

Sleeve for fat-free ground-joint connection with the standard ground-joint SGJ 29.



1 PCS

6.2713.020

PTFE sleeve SGJ19

For fat-free ground-joint connection with the standard ground-joint SGJ 19.



1 PCS

6.2724.010

Dust filter

Dust filter for Rancimats and Karl Fischer ovens.



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.



1 PCS

6.2738.000

Funnel

For the KF coulometer.



1 PCS

6.2739.000

Wrench

For tightening connectors



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.



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.



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.



2 PCS

6.2816.090

Syringe 5 mL

5 mL syringe made of PP, with Luer connector.

