917 Coulometer with generator electrode with diaphragm and 860 KF Thermoprep

2.917.1010

The 917 Coulometer is a compact titrator for coulometric water determination in accordance with Karl Fischer. "Reduced to the max" – operating module, stirrer, and pump are integrated in the 917 Coulometer for rapid reagent replacement. This saves a great deal of space on the laboratory table.

The 917 Coulometer now also fulfills FDA Regulation 21 CFR, Part 11. This means you are always on the safe side when it comes to audits.

The 860 KF Thermoprep is used for thermal sample preparation. Many substances are not suitable for direct Karl Fischer titration because they are not soluble, react with the KF reagent, or because they only release their water content very slowly or only at high temperatures. Each of the samples is introduced into the oven in tightly sealed sample vessels and their water content is determined with the 917 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 2.917.1010

Order Number	Description	Quantity
1.860.0010	**860 KF Thermoprep** 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.	1 PCS
1.917.0010	**917 Coulometer** The 917 Coulometer is a compact titrator for coulometric water determination according to Karl Fischer. "Reduced to the max" – operating module, stirrer and pump are integrated in the 917 Coulometer for rapid reagent replacement. This saves a great deal of space on the laboratory table. Recommended measuring range: 10 µg…200 mg absolute water Coulometry is the ideal method for the determination of trace water in liquids, solids and gases. In addition, coulometry is an absolute method and thus no titer determination is necessary.	1 PCS

6.1903.030

Stirring bar / 25 mm 1 PCS

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

6.1446.040

Threaded stopper / M6 2 PCS

6.1805.100

FEP tubing / M6 / 40 cm 1 PCS

With light and kink protection

6.2739.000

Wrench 1 PCS

For tightening connectors

6.1608.023

Amber glass bottle / 1000 mL / GL 45 1 PCS

For Exchange Units. Bottle for auxiliary solutions.

6.1446.090

Stopper / B-14/15 / M8 1 PCS

6.1602.105

Bottle attachment / GL 45 / green 2 PCS

For direct dosing from reagent bottles with GL 45 thread.

6.1608.030

Round glass bottle / 1000 mL / GL 45 1 PCS

6.2816.030

Needle with Luer connector 2 PCS

Needle for filling in mercury into the Multi-Mode Electrode and for sample addition in Karl Fischer titration.

6.1623.000

Bottle cap overflow protection 1 PCS

Bottle cap overflow protection for 1 waste bottle, prevents the waste bottle from overflowing when an aspiration pump is used

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6.1805.200

PTFE tubing / M8 / 0.5 m 2 PCS

6.1808.050

Tubing adapter olive / M8 outer 1 PCS

1 M8 outer thread and 1 tubing olive. E.g. for thermostat jacket of exchange units and stability measuring instruments.

6.1819.050

Tube 1 PCS

For M8 threaded holes of 6.1602.10X Bottle attachments with 6.1608.030 Aspiration bottle. For 703 and 803 Ti Stand, 681 Pump Unit and 679 Rancimat

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6.2104.020

Electrode cable / 1 m / F 1 PCS

For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).

6.2023.020

Clip for SGJ 14/15 1 PCS

Clip for SGJ 14/16

6.2164.010

Power supply unit 100 - 240 V/24 V DC 1 PCS

Power supply unit for 915 KF Ti-Touch, 916 Ti-Touch, 917 Coulometer and all Eco Titrators / Eco Dosimat.

6.1808.040

Thread adapter M6 outer / M8 inner 1 PCS

Outer thread M6, inner thread M8.

6.2724.010

Dust filter 1 PCS

Dust filter for Rancimats and Karl Fischer ovens.

6.2816.070

Septum piercing needle 1 PCS

Used with Karl Fischer ovens.

6.2816.080

Outlet needle 1 PCS

Used with KF Thermoprep and Oven Sample Processor.

6.0341.100

Double Pt-wire electrode for coulometry 1 PCS

Indicator electrode used for coulometric Karl Fischer titration.

6.1403.030

KF adsorber tube for coulometer cell 1 PCS

For KF coulometers.

6.0344.100

Generator electrode with diaphragm 1 PCS

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%)

6.1437.000

SGJ stopper SGJ 14

1 PCS

6.1448.057

Aluminum septum caps / 100 pieces

1 PCS

Including Al sealing.

6.1448.020

Septum 16 mm, 5 pieces

2 PCS

Set of 5 pcs.

6.2419.007

Sample glass, 6 mL, 100 pieces

1 PCS

Sample glass for up to 6 mL sample, suitable for 6.1448.057 septum, 100 pieces

6.2047.040

Titration vessel holder for 899/917 1 PCS

Titration vessel holder for coulometric cells for 899 Coulometer and 917 Ti-Touch

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6.2104.120

Electrode cable / 1 m / H 1 PCS

With plug H. For connecting generator electrode - KF Coulometer.

6.2713.000

PTFE sleeve SGJ14 3 PCS

For fat-free ground-joint connection with the standard ground-joint SGJ 14.

6.2701.040

GL 18 screw cap with hole 2 PCS

Made of PBT. With a hole for the 6.1448.020 septum. For the 6.5405.000 cell without diaphragm and the 6.1464.32 X and 6.1465.320 titration vessels.

6.2713.010

PTFE sleeve SGJ29 1 PCS

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

6.2713.020

PTFE sleeve SGJ19 1 PCS

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

6.2738.000

Funnel 1 PCS

For the KF coulometer.

6.2816.090

Syringe 5 mL 2 PCS

5 mL syringe made of PP, with Luer connector.

6.1801.120 **PVC tubing / 4 mm / 6 mm / 2 m** 1 PCS

6.2621.120 **Hexagon key 1.5 mm** 1 PCS

6.1609.010 **Adsorber tube with tubing nipple** 1 PCS

Lid with tubing nipple.

6.1819.030 **Tube** 1 PCS

For M8 threaded holes. For 6.1602.1XX bottle attachments and 6.1608.0XX bottles

6.2723.300

Protective cover for 900 Touch Control 1 PCS

Protective cover for 900 Touch Control

6.6066.000

USB flash drive for Ti-Touch 1 PCS

USB flash drive for 915 KF Ti-Touch and 916 Ti-Touch.

6.1602.145

Drying flask cap 2 PCS

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

6.1805.010

FEP tubing / M6 / 13 cm 1 PCS

With light and kink protection.

6.1608.050

Drying bottle / 100 mL / GL 45

2 PCS

6.1805.080

FEP tubing / M6 / 25 cm

2 PCS

With light and kink protection.

6.1821.040

Filter tube

2 PCS

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

6.1830.030

Heating tubing

1 PCS

Heating tubing with M6 thread for 860 KF Thermoprep, 885 Compact Oven Sample Processor and 874 USB Oven Sample Processor.

6.2048.030

Guidance rod 1 PCS

Guidance rod for 860 KF Thermoprep.

6.2049.040

Needle holder with Luer lock 1 PCS

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

6.2060.010

Cable holder 1 PCS

Used with 860 KF Thermoprep.

6.2621.110

Crimping tongs 1 PCS

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

6.2063.010

Sample holder for 6.2419.007 Sample vials (6 mL) 1 PCS

6.2627.000

Oven insert 1 PCS

Used with 860 KF Thermoprep.

6.1465.320

KF titration vessel with 2 lateral openings / 80-250 mL / coulometric 1 PCS

For 756 and 831 KF Coulometer

6.1446.220

Reagent Replacement Solvent Module stopper 1 PCS

Stopper for reagent replacement in a coulometric titration cell with a Solvent Module.

Optional accessories

6.2723.300
Protective cover for 900 Touch Control

Protective cover for 900 Touch Control

2.143.0200
TX-900MH impact printer

Compact impact printer with USB and RS232 interface for
– 900 Touch Control (+)
– 915 KF Ti-Touch (+)
– 916 Ti-Touch (+)
– 917 Coulometer (+)
– 91X Meter (+)
  Eco Dosimat/Titrator (+)
– 877/848 Titrino plus (additional 6.2151.100 required)
– 865/876 Dosimat plus (additional 6.2151.100 required)
– 862 Compact Titrosampler (additional 6.2151.100 required)
– 870 KF Titrino plus (additional 6.2151.100 required)
– 899 Coulometer (additional 6.2151.100 required)

(+) Cable included in scope of delivery

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).