917 Coulometer with generator electrode with diaphragm and 885 Compact Oven SC

2.917.2010

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 885 Compact Oven SC is used for automatic thermal sample preparation. The samples are heated in the oven to a temperature of up to 250 °C. This causes the water to vaporize and then be transported with a dry carrier gas into the 917 Coulometer titration cell in which the analysis takes place.

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 2.917.2010

Order Number	Description	Quantity
1.885.0010	**885 Compact Oven Sample Changer** The 885 Compact Oven Sample Changer is used for thermal sample preparation in Karl Fischer titration. In the oven the samples can be heated up to 250°C. The moisture contained in the sample evaporates and is transported by a dry carrier gas into the titration cell, where the analysis takes place.	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.

6.2621.140

Hexagon key 2.5 mm 1 PCS

6.1446.040

Threaded stopper / M6 1 PCS

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

---

6.1805.200

PTFE tubing / M8 / 0.5 m 2 PCS

6.1808.050

Tubing adapter olive / M8 outer 2 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

---

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

6.1448.020

Septum 16 mm, 5 pieces

2 PCS

Set of 5 pcs.

6.2047.040

Titration vessel holder for 899/917

1 PCS

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

6.2104.120

Electrode cable / 1 m / H

1 PCS

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

6.1448.067

Screw cap with septum, 100 pcs. 1 PCS

Screw cap with septum, suitable for sample glass 8 mL 6.2420.007, 100 pieces

---

6.2420.007

Sample glass with thread, 8 mL, 100 pieces 1 PCS

Sample glass with thread, 8 mL, suitable for 6.1448.067 screw cap, 100 pieces

---

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

6.1805.060

FEP tubing / M6 / 60 cm

1 PCS

With light and kink protection

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

---

6.2043.005

Holding clip for bottles 2 PCS

Holding spring for reagent bottles in exchange units.

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.

6.2151.110

Metrohm USB Mini B cable (OTG) - USB A, 1.8 m

1 PCS

For connecting USB instruments.

6.1821.040

Filter tube 2 PCS

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

6.2049.050

Needle holder with Luer lock 1 PCS

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

6.1465.320

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

For 756 and 831 KF Coulometer

6.1830.040

Heating tubing 1 PCS

Heating tubing with M6 thread for 885 Compact Oven Sample Changer in combination with a 915 KF Ti-Touch, a 917 Coulometer or an Eco KF Titrator.

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

2.142.0100
Custom Q3X thermal printer

Compact printer with USB interface for

– 900 Touch Control
– 915 KF Ti-Touch
– 916 Ti-Touch
– 917 Coulometer
– 877 / 848 Titrino plus
– 865 / 876 Dosimat plus
– 91X Meter (cable 6.2151.140)
– Eco Dosimat / Titrator
– 862 Compact Titrosampler
– 870 KF Titrino plus
– 899 Coulometer

Paper width 60 mm (40 characters). Including 6.2151.120 USB cable.

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