



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

Qt.	Order no.	Description
1 PCS	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	6.0341.100	Double Pt-wire electrode for coulometry
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
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For KF coulometers.



1 PCS	6.1437.000	SGJ stopper SGJ 14
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1 PCS	6.1439.010	KF addition and aspiration tube
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KF addition and aspiration tube for coulometer cell, incl. M8 screw connector 6.1811.010.



2 PCS	6.1446.040	Threaded stopper / M6
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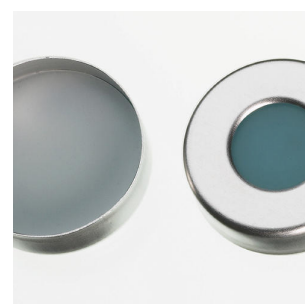
1 PCS	6.1446.090	Stopper / B-14/15 / M8
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2 PCS	6.1448.020	Septum 16 mm, 5 pieces
		Set of 5 pcs.



1 PCS	6.1448.057	Aluminum septum caps / 100 pieces
		Including Al sealing.



1 PCS	6.1465.320	KF titration vessel with 2 lateral openings / 80-250 mL / coulometric
		For 756 and 831 KF Coulometer



2 PCS

6.1602.105

Bottle attachment / GL 45 / green

For direct dosing from reagent bottles with GL 45 thread.



2 PCS

6.1602.145

Drying flask cap

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



1 PCS

6.1608.023

Amber glass bottle / 1000 mL / GL 45

For Exchange Units. Bottle for auxiliary solutions.



1 PCS

6.1608.030

Round glass bottle / 1000 mL / GL 45



2 PCS	6.1608.050	Drying bottle / 100 mL / GL 45
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1 PCS	6.1609.010	Adsorber tube with tubing nipple
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Lid with tubing nipple.



1 PCS	6.1623.000	Bottle cap overflow protection
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Bottle cap overflow protection for 1 waste bottle, prevents the waste bottle from overflowing when an aspiration pump is used



1 PCS	6.1801.120	PVC tubing / 4 mm / 6 mm / 2 m
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1 PCS	6.1805.010	FEP tubing / M6 / 13 cm
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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		



2 PCS	6.1805.200	PTFE tubing / M8 / 0.5 m
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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.		



1 PCS	6.1819.030	Tube
For M8 threaded holes. For 6.1602.1XX bottle attachments and 6.1608.0XX bottles		



1 PCS	6.1819.050	Tube
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		



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 6.2023.020 Clip for SGJ 14/15

Clip for SGJ 14/16



1 PCS 6.2047.040 Titration vessel holder for 899/917

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



1 PCS 6.2048.030 Guidance rod

Guidance rod for 860 KF Thermoprep.



1 PCS	6.2049.040	Needle holder with Luer lock
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Needle holder (58 mm) with Luer lock for the Karl Fischer ovens 860, 874 and 885.



1 PCS	6.2060.010	Cable holder
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Used with 860 KF Thermoprep.



1 PCS	6.2063.010	Sample holder for 6.2419.007 Sample vials (6 mL)
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1 PCS	6.2104.020	Electrode cable / 1 m / F
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For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).



1 PCS	6.2104.120	Electrode cable / 1 m / H
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With plug H. For connecting generator electrode - KF Coulometer.



1 PCS 6.2164.010 Power supply unit 100 - 240 V/24 V DC

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



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	6.2627.000	Oven insert
		Used with 860 KF Thermoprep.



2 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	6.2723.300	Protective cover for 900 Touch Control
		Protective cover for 900 Touch Control



1 PCS	6.2724.010	Dust filter
		Dust filter for Rancimats and Karl Fischer ovens.



1 PCS	6.2738.000	Funnel
		For the KF coulometer.



1 PCS	6.2739.000	Wrench
		For tightening connectors



2 PCS	6.2816.030	Needle with Luer connector
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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
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Used with Karl Fischer ovens.



1 PCS	6.2816.080	Outlet needle
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Used with KF Thermoprep and Oven Sample Processor.



2 PCS	6.2816.090	Syringe 5 mL
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5 mL syringe made of PP, with Luer connector.



1 PCS	6.6066.000	USB flash drive for Ti-Touch
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USB flash drive for 915 KF Ti-Touch and 916 Ti-Touch.



Optional accessories

Order no.	Description	
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).

