



914 pH/Conductometer with iConnect with accessories case

2.914.0110

Portable two-channel pH / conductivity measuring instrument with intelligent measuring input for parallel measurement of pH/mV / conductivity / TDS / salinity and temperature. You will be optimally equipped for measurements outdoors with this battery-operated measuring instrument.

- Parallel measurement of pH value and conductivity
- Analog conductivity measuring input for the 4-wire conductivity measuring cells from Metrohm
- Digital pH measuring input for the intelligent pH electrodes from Metrohm
- Robust, water-tight and dust-tight housing (IP67) for hard outdoor and laboratory use
- LCD color display with background illumination for simple legibility of the results
- USB interface for simple data export to PC or printer
- Large internal memory (10,000 data sets)
- Pin-protected User and Expert modes, prevents unwanted parameter changes
- GLP-compliant printout and data export with User ID and timestamp
- Robust field case for routine measurements in the field

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 2.914.0110

Qt.	Order no.	Description
1 PCS	1.914.0010	914 pH/Conductometer with iConnect
		Two-channel pH/conductivity meter for routine use in the laboratory and on the road – version for connection of intelligent pH electrodes. pH (or mV) and conductivity (or TDS, salinity) and temperatures can be measured in parallel and output to a large colour display with the 914 pH /Conductometer. Important information such as charge state, user, IDs can be clearly seen at a glance. A PIN-protected expert mode protects against unintentional changes of different parameters. The meter is furnished with an accumulator for mobile use that can be charged practically anywhere. It naturally also satisfies the requirements of IP67. A stand plate allows the mobile meter to be easily converted into a laboratory meter and vice versa. Very large measured value memory (10,000 data sets) and USB interface (GLP-compliant printout or data export with optional management of the data in tiBase) offer professional data handling.
		
1 PCS	1.854.0010	854 iConnect
		854 iConnect - electrode cable and measuring amplifier for intelligent electrodes «iTrodes».
		

Intelligent, combined pH electrode with integrated memory chip for storing sensor data and Pt1000 temperature sensor. This electrode is particularly suitable:

- for pH measurements and titrations in difficult, viscous, or alkaline samples
- at elevated temperatures
- for long-term measurements



The fixed ground-joint diaphragm is insensitive to contamination.

Reference electrolyte: $c(\text{KCl}) = 3 \text{ mol/L}$, storage in storage solution.

Alternatively: reference electrolyte for measurements at $T > 80^\circ\text{C}$: Idrolyte, storage in Idrolyte.

iTrodes can be connected to Titrando, Ti-Touch or 913/914 meters.

4-wire conductivity measuring cell with cell constant $c = 0.5 \text{ cm}^{-1}$ (guide value), with integrated Pt1000 temperature sensor and fixed cable for connecting to 912/914 Meters.

Thanks to the robust/break-proof plastic shaft made of PEEK, this sensor is mechanically very resistant. The sensor is suitable for measurements of medium conductivities ($15 \mu\text{S/cm}$ to 250 mS/cm), e.g., in:

- drinking water
- surface water
- wastewater



2 PCS

6.1613.010

Bottle / 25 mL



1 PCS

6.1613.020

Bottle / 25 mL / label pH 7 (empty)



1 PCS

6.1613.030

Bottle / 25 mL / label pH 4 (empty)



1 PCS

6.1614.000

Wash bottle / 250 mL



1 PCS

6.2008.060

Holder for electrode storage vessel

Practical holder for fastening the electrode storage vessels to the 912, 913 or 914 pH/Conductometers.



1 PCS

6.2050.010

Carrying strap for 912/913/914

Carrying strap for 912/913/914 meters



1 PCS

6.2151.100

Adapter USB MINI (OTG) - USB A

For connecting USB instruments.



1 PCS

6.2151.110

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

For connecting USB instruments.



1 PCS

6.2166.100

USB power supply unit 5.25 V / 1.53 A

USB power supply unit for 912 / 913 / 914

Efficiency Level VI



1 PCS

6.2307.230

Buffer solutions pH 4, 7 and 9

Mixed buffer solutions pH 4.00/7.00/9.00 (25 °C) in single use sachets,
colourless, box of 3 x 10 x 30 mL



1 PCS

6.2308.050

Electrolyte 3 mol/L KCl (50 mL)

Electrolyte solution $c(\text{KCl}) = 3 \text{ mol/L}$ (for Ag/AgCl reference systems)

1 PCS

6.2324.110

Conductivity standard 100 $\mu\text{S/cm}$, 5 x 30 mL

Conductivity standard for calibration of conductivity measuring cells with
cell constant = 0.1/cm.



1 PCS

6.2716.060

Case for 912 / 913 / 914

Case for the 912 / 913 / 914 pH/Conductometers.



1 PCS

6.2717.000

PP beaker, 100 mL

Beaker made of PP, 100 mL.



Optional accessories

Order no.	Description	
6.2001.130	Stand plate for 912/913/914 Stand plate for converting a mobile 912/913/914 pH/Conductometer into a laboratory meter.	
6.2166.500	12 V USB adapter for 912 / 913 / 914 pH/Conductometer 12 V USB adapter for 912 / 913 / 914 pH/Conductometer.	
6.2151.140	Y cable USB A St - USB B St - Mini B St Y cable for connection of a USB printer to the pH/Conductometers 912 / 913 / 914. This cable allows a printer and the power supply unit to be connected to the measuring instrument at the same time.	
6.0918.040	Conductivity measuring cell $c = 0.1 \text{ cm}^{-1}$ with Pt1000 (fixed cable) Conductivity measuring cell made of stainless steel with cell constant $c = 0.1 \text{ cm}^{-1}$ (guide value), with integrated Pt1000 temperature sensor and fixed cable for connecting to 912/914 Meters. This sensor is suitable for measurements of low conductivities ($0 \text{ }\mu\text{S/cm}$ to $300 \text{ }\mu\text{S/cm}$) in, e.g. deion. water.	

6.2325.000

pHit kit

Maintenance kit for pH electrodes

The kit contains:

- 50 mL cleaning solution
- 50 mL 3M KCl solution
- 50 mL storage solution
- 2 Storage vessels
- Instructions for use



6.0919.140

Conductivity measuring cell $c = 1.6 \text{ cm}^{-1}$ with Pt1000 (fixed cable)

3-ring conductivity measuring cell with cell constant $c = 1.6 \text{ cm}^{-1}$, with integrated Pt1000 temperature sensor and fixed cable for connecting to 912/914 Meters.

This sensor is suitable for measurements of high conductivities (0.1 to 1000 mS/cm), e.g., in:

- sea water
- flush water
- physiological solutions



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.
