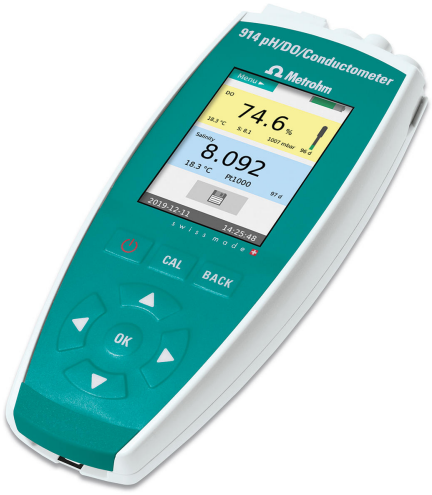

914 pH/DO/Conductometer

2.914.0030

pH/mV2pH/DO/

- pH
- 4
- pH O2 Lumitrode
- (IP67)
- LCD
- USB
- (10000)
- PIN
- IDGLP

2.914.0030

Qt.	Order no.

1 PCS **1.914.0030** **pH/DO/Conductometer**

Portable two-channel pH/DO/conductivity measuring instrument with intelligent measuring input for the parallel measurement of pH /mV and conductivity or dissolved oxygen and conductivity in water.

- Parallel measurement of pH value and conductivity or of dissolved oxygen and conductivity
- Analog conductivity measuring input for the 4-conductor conductivity measuring cells
- Digital measuring input for the intelligent pH electrodes or the intelligent O_2 Lumitrode
- Robust, water-tight, and dust-tight housing (IP67) for tough outdoor and laboratory use
- LCD color display with background illumination for simple readability of the results
- USB interface for simple data export to the PC or the printer
- Large internal memory (10,000 data sets)
- Pin-protected User mode and Expert mode, prevents unwanted parameter changes
- GLP-compatible printout and data export with User ID and timestamp

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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.

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1 PCS **6.2050.010** **Carrying strap for 912/913/914**

Carrying strap for 912/913/914 meters

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1 PCS **6.2151.100** **Adapter USB MINI (OTG) - USB A**

For connecting USB instruments.

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1 PCS **6.2151.110** **Metrohm USB Mini B cable (OTG) - USB A, 1.8 m**

For connecting USB instruments.

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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

Order no.	
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.

2.854.0010	**854 iConnect** The 854 iConnect – Electrode cable and measuring amplifier for intelligent "iTrodes" electrodes (cable length 150 cm).

6.0278.300 **iUnitrode with Pt1000**

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(KCl) = 3 mol/L, storage in storage solution.
Alternatively: reference electrolyte for measurements at T>80°C: Idrolyte, storage in Idrolyte.
iTrodes can be connected to Titrando, Ti-Touch or 913/914 meters.

6.0917.080 **Conductivity measuring cell c = 0.5 cm-1 with Pt1000 (fixed cable)**

4-wire conductivity measuring cell with cell constant c = 0.5 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 µS/cm to 250 mS/cm), e. g., in:

- drinking water
- surface water
- wastewater

6.0918.040 **Conductivity measuring cell c = 0.1 cm-1 with Pt1000 (fixed cable)**

Conductivity measuring cell made of stainless steel with cell constant c = 0.1 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 µS/cm to 300 uS/cm) in, e.g. deion. water.

6.0919.140 **Conductivity measuring cell c = 1.6 cm-1 with Pt1000 (fixed cable)**

3-ring conductivity measuring cell with cell constant c = 1.6 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

6.1116.000 **O2 Lumitrode**

The optical sensor for measuring dissolved oxygen (DO) can be used with a 913 pH/DO meter or with a 914 pH/DO conductometer. The measuring principle of the sensor is based on luminescence quenching. The space-saving and maintenance-free sensor is suitable for DO measurement, for example in:

- Water quality control
- Wastewater industry
- Beverage production
- Fish farming

This sensor is supplied with a calibration vessel.

Where necessary, it is easy to replace the measurement cap (O_2 cap) that contains the oxygen-intensive luminophore.

6.2001.130 **Stand plate for 912/913/914**

Stand plate for converting a mobile 912/913/914 pH/Conductometer into a laboratory meter.

6.2151.140 **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.

6.2166.500 **12 V USB adapter for 912 / 913 / 914 pH/Conductometer**

12 V USB adapter for 912 / 913 / 914 pH/Conductometer.

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

6.2324.110 **Conductivity standard 100 µS/cm, 5 x 30 mL**

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

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

6.2329.000 **Oxygen standard 0%**

Oxygen standard for 0% calibration of the O_2-Lumitrode. Contains 5 sachets of 30 mL each.

6.5623.000 **O2 Lumitrode replacement set**

Replacement set for the O_2 Lumitrode. The set contains a certified O_2 cap as replacement, a calibration vessel, and 5 x 30 mL oxygen standard, 0%.