



912, 913, 914
meters for pH,
conductivity,
and dissolved
oxygen

Flexible, robust,
and reliable

**PEOPLE
YOU
CAN
TRUST**

**Metrohm
means ...
Spectroscopy!**



 **Metrohm**

Flexible and robust

Whether you use them outdoors, in the laboratory, or in the process – our handheld meters are reliable companions for measuring pH, conductivity, and dissolved oxygen fast and with superior accuracy.



OUTDOORS

The battery in the 912, 913 and 914 meters provides **all-day power** for measurements in the field. Store notes on your meter for each measurement, e.g., the location and name of the sample. If your meter runs out of power, recharge it in your car or with an external power bank. Back in the lab, export the collected data to your PC.

IN THE PROCESS

Our handheld meters are ideal for quickly **checking key parameters in your process in situ**. Back in the lab, you can process the results collected for proper documentation.

IN THE LABORATORY

Use the stand plate with support rod to turn the 912, 913, and 914 meters into **full-fledged bench-top instruments**. Bring the sample to the lab, perform your measurement and print out the results.

WATER-PROOF

Our handheld meters are **certified to IP67**. Even complete submersion for up to 30 minutes cannot cause any damage.

ROBUST DESIGN

The casing of the 912, 913, and 914 meters is made of a special, highly robust plastic. This protects your meter even when it is dropped from a higher elevation.

CONVENIENT TRANSPORTATION

A compact carrying case accommodates your 912, 913, or 914 meter complete with all accessories.

Reliable and reproducible results – always

GLP COMPLIANT DOCUMENTATION

Save your results with date, time, sample identification and username for GLP compliant documentation.

MANIPULATION-PROOF DATA

Two user levels with password protection prevent any manipulation of the data stored on the device.

STRAIGHTFORWARD SENSOR MANAGEMENT AND MONITORING

Manage your sensors in the sensor pool and define the acceptance criteria for calibrations according to your requirements.

STABLE & REPRODUCIBLE RESULTS

The device automatically detects a stable measurement signal. This guarantees reliable and reproducible measurements.



Connectivity

PRINTING

You can print the measured results immediately in a report or save them on the device for transferring them later. All common printers are supported (Dot matrix printers, thermal printers and A4 printers).

DATA EXPORT VIA USB INTERFACE

Connect your meter to a PC and export your measuring results either as a CSV file or in the PC/LIMS* format.

CONNECT (ALMOST) ANY METROHM SENSOR

Are you already a Metrohm customer? In this case, you can connect almost any Metrohm sensor to your 912, 913, or 914 meter.

912 CONDUCTOMETER

The 912 Conductometer is a high-end conductivity meter. At its heart is a measuring input developed and produced by us in Switzerland for highly accurate measurements from a few $\mu\text{S}/\text{cm}$ up to 1000 mS/cm .

- Highly accurate conductivity measurements
- Results are shown in the desired unit such as conductivity, TDS, salinity and others
- Supports 2-wire and 4-wire sensors to cover the entire measurement range



913 pH METER

In addition to an analog pH measurement input, you can simultaneously connect a second, digital pH sensor to the instrument. The calibration and calibration interval can be monitored and the instrument warns you when it needs to be recalibrated.

- pH measuring input with a resolution of 0.001 pH units for precise measurement of the pH value. It is equipped with two galvanically separated measuring inputs for parallel measurement of the pH value (analog and digital)
- Calibration interval and calibration acceptance criteria can be freely selected





913 pH/DO METER

The 913 pH/DO Meter gives you the possibility to measure the pH value and dissolved oxygen (DO) in parallel. The results for both parameters are shown on the display.

- Simultaneous measurement of pH and DO in the sample
- Sensor condition is indicated by the sensor symbol on the display



914 pH/CONDUCTOMETER

With the 914 pH/Conductometer you can simultaneously measure pH and conductivity. Both measuring inputs are galvanically separate, which means you can measure both parameters in the same sample at the same time without any interferences.

- Two analogue measuring inputs for simultaneous measuring of the pH value and conductivity
- Possibility to connect numerous different sensors
- Sensor pool to manage your sensors



914 pH/DO/CONDUCTOMETER

The 914 pH/DO/Conductometer has a digital measuring input to determine the pH value or DO value and an analogue measuring input for measuring conductivity. If needed, the measured conductivity value is combined with the oxygen measurement to determine the correct oxygen concentration in the sample.

- Simultaneous determination of DO and conductivity in the same sample
- Salinity, air pressure, and temperature of the sample are automatically compensated to give the actual concentration of DO
- If preferred the pH value can be measured instead of DO

ORDERING INFORMATION

912 Conductometer	
2.912.0010	Conductometer
2.912.0110	Conductometer with conductivity sensor in carrying case with various accessories
2.912.0210	Conductometer Lab with stand plate
913 pH Meter	
2.913.0010	pH Meter
2.913.0110	pH Meter with Solidtrode with Pt1000 in carrying case with various accessories
2.913.0210	pH Meter Lab with stand plate
913 pH/DO Meter	
2.913.0020	pH/DO Meter
2.913.0120	pH/DO Meter with sensors and carrying case
2.913.0220	pH/DO Meter Lab
914 pH/Conductometer	
2.914.0020	pH/Conductometer
2.914.0120	pH/Conductometer with Solitrode with Pt1000, conductivity sensor in carrying case with various accessories
2.914.0220	pH/Conductometer Lab with stand plate
914 pH/DO/Conductometer	
2.914.0030	pH/DO/Conductometer
2.914.0130	pH/DO/Conductometer with sensors and carrying case
2.914.0230	pH/DO/Conductometer Lab
Printer	
2.1420.100	Thermo printer Custom Q3X (additional 6.2152.140 needed)
2.1430.200	Impact printer TX-900MH

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