



912 Conductometer

2.912.0110

//

-
- 4
- (IP67)
- LCD
- USB
- 10000
-
- GLP ID
-

Scope of delivery 2.912.0110

Qt.	Order no.	Description
-----	-----------	-------------

Conductivity/TDS/salinity and temperature measurement for routine use in the laboratory and on the road.

Conductivity, TDS, or salinity and temperature can be measured and output to a large colour display with the 912 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.

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

6.1446.000

SGJ stopper / B-14/(15)



2 PCS

6.1613.010

Bottle / 25 mL



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



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

Water distilled / Water ultra pure / Demineralized

100 µS/cm (25°C)

100 µS/cm ± 2.0 µS/cm (20.0 ± 0.2°C)
KCl in water

conductivity standard 30 mL

	T	κ	κ/25
5	5	91.0	0.78
10	10	106.5	0.87
15	15	123.8	0.97
20	20	142.9	1.08
25	25	162.8	1.19
30	30	184.5	1.30
35	35	207.8	1.42
40	40	232.9	1.55
45	45	260.0	1.69
50	50	288.4	1.84
55	55	318.2	1.99
60	60	349.5	2.15
65	65	382.4	2.32
70	70	416.9	2.50
75	75	453.2	2.69
80	80	491.4	2.89
85	85	531.6	3.10
90	90	573.9	3.32
95	95	618.4	3.55
100	100	665.1	3.79
105	105	714.2	4.04
110	110	765.7	4.30
115	115	819.7	4.57
120	120	876.2	4.85
125	125	935.3	5.14
130	130	997.0	5.44
135	135	1061.4	5.75
140	140	1128.5	6.07
145	145	1198.4	6.40
150	150	1271.1	6.74
155	155	1346.6	7.09
160	160	1424.9	7.45
165	165	1506.1	7.82
170	170	1589.3	8.20
175	175	1674.6	8.59
180	180	1762.1	9.00
185	185	1852.8	9.41
190	190	1946.7	9.84
195	195	2043.9	10.28
200	200	2144.4	10.73
205	205	2248.3	11.19
210	210	2355.7	11.66
215	215	2466.6	12.14
220	220	2581.1	12.63
225	225	2699.2	13.13
230	230	2821.0	13.64
235	235	2946.5	14.16
240	240	3075.8	14.69
245	245	3208.9	15.23
250	250	3345.9	15.78
255	255	3486.8	16.34
260	260	3631.7	16.91
265	265	3780.6	17.49
270	270	3933.6	18.08
275	275	4090.7	18.68
280	280	4251.9	19.29
285	285	4417.3	19.91
290	290	4586.9	20.54
295	295	4760.7	21.18
300	300	4938.8	21.83
305	305	5121.2	22.49
310	310	5308.0	23.16
315	315	5499.2	23.84
320	320	5694.9	24.53
325	325	5895.1	25.23
330	330	6099.9	25.94
335	335	6309.3	26.66
340	340	6523.4	27.39
345	345	6742.1	28.13
350	350	6965.5	28.88

Serial No. / Date rec. / Volume
6.2324.110

Metrohm
ion analysis

Case for 912 / 913 / 914

A white carrying case for the Metro pH/Conductometer. The case has a black handle on top and a black latch on the side. The text "pH/Conductometer" is printed in black on the front, and the Metro logo is visible in the bottom right corner.

PP beaker, 100 mL

Optional accessories

Order no.	Description
2.142.0100	<p>Custom Q3X thermal printer</p> <p>Compact printer with USB interface for</p> <ul style="list-style-type: none">• 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 <p>Paper width 60 mm (40 characters). Including 6.2151.120 USB cable.</p>
6.0918.040	<p>Conductivity measuring cell c = 0.1 cm⁻¹ with Pt1000 (fixed cable)</p> <p>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.</p> <p>This sensor is suitable for measurements of low conductivities (0 $\mu\text{S/cm}$ to 300 $\mu\text{S/cm}$) in, e.g. deion. water.</p>
6.0919.140	<p>Conductivity measuring cell c = 1.6 cm⁻¹ with Pt1000 (fixed cable)</p> <p>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.</p> <p>This sensor is suitable for measurements of high conductivities (0.1 to 1000 mS/cm), e.g., in:</p> <ul style="list-style-type: none">• sea water• flush water• physiological solutions



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.

