

## Accessories for 2.913.0020

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 2.913.0020

Qty.	Order no.	Description	
1 pcs	6.2008.060	<b>Holder for electrode storage vessel</b>  Practical holder for fastening the electrode storage vessels to the 912, 913 or 914 pH/Conductometers.	
1 pcs	6.2050.010	<b>Carrying strap for 912/913/914</b>  Carrying strap for 912/913/914 meters	
1 pcs	6.2151.100	<b>Adapter USB MINI (OTG) - USB A</b>  For connecting USB instruments.	
1 pcs	6.2151.110	<b>Cable USB MINI (OTG) - USB A, 1.8 m</b>  For connecting USB instruments.	
1 pcs	6.2166.100	<b>USB power supply unit 5.25 V / 1.53 A</b>  USB power supply unit for 912 / 913 / 914 Efficiency Level VI	

## Optional accessories

Order no.	Description
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<b>2.142.0100</b>	<b>Custom Q3X thermal printer</b>
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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.

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<b>2.143.0100</b>	<b>EPSON TM U220B impact printer</b>
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Impact printer with USB interface for the 912/913/914 hand meter.

Power supply units: 100 - 240 V  
Paper width: 76 mm



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<b>2.854.0010</b>	<b>854 iConnect</b>
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854 iConnect - electrode cable and measuring amplifier for intelligent electrodes «iTrodes».



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<b>6.00226.600</b>	<b>Spearhead electrode with Pt1000</b>
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Maintenance-free combined pH electrode (gel electrolyte) for piercing measurements of all types (e.g., with cheese, meat, dough) with integrated Pt1000 temperature sensor. The electrode is stored in saturated potassium chloride solution  $c(\text{KCl}) = \text{sat.}$  (6.2308.000) and is not suitable for low-ion solutions. The ageing indicator gives early indication of when the electrode needs to be replaced.



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**6.0224.100      Biotrode**

Combined pH electrode for measurements in very small sample volumes (>50  $\mu\text{L}$ ) and biological samples.

Idrolyte (6.2308.040) is used as reference electrolyte and storage solution.



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**6.0228.000      Solitrode with Pt1000 (fixed cable 1.2 m)**

Combined pH electrode with integrated Pt1000 temperature sensor and fixed cable (1.2 m). This electrode is suitable for routine pH measurements in solutions that do not contain precipitates, proteins, or sulfides. This electrode is mechanically resistant thanks to the robust/unbreakable plastic shaft made of polypropylene and impact protection for the glass membrane.

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



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**6.0228.030      LL Solitrode with Pt1000 (IP67, fixed cable 1.2 m)**

Combined pH electrode with integrated temperature sensor (Pt1000) and fixed cable conforming to IP67 (1.2 m). This electrode is suitable for an introduction to GLP-compliant pH measurements in solutions that do not contain precipitates, proteins, or sulfides. This electrode is mechanically resistant thanks to the robust/unbreakable plastic shaft made of polypropylene and impact protection for the glass membrane.

Additionally, this electrode offers a waterproof plug in accordance with IP67 for mobile use with Metrohm pH meters.

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



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**6.0258.010      Unitrode with Pt1000 (fixed cable 1.2 m, 2 mm)**

Combined pH electrode with integrated Pt1000 temperature sensor and fixed cable (1.2 m, diameter banana plug 2 mm). 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.



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

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

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



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**6.1116.000****O<sub>2</sub> 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, and 3 x 30 mL oxygen standard, 0%.

Where necessary, it is easy to replace the measurement cap (O<sub>2</sub> cap) which contains the oxygen-intensive luminophore.



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

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



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**6.2104.600****Electrode cable for plug in head U/plug F, 2x2 mm B, 1m**

For connecting electrodes with Metrohm plug-in head U to Metrohm instruments (socket F).



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**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.



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

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



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**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



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**6.2313.000**      **Electrolyte 3 mol/L KCl (1000 mL)**

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



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**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



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**6.2329.000**      **Oxygen standard 0%**

Oxygen standard for 0% calibration of the O<sub>2</sub>-Lumitrode. Contains 5 sachets of 30 mL each.



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**6.5623.000**      **O<sub>2</sub> Lumitrode replacement set**

Replacement set for the O<sub>2</sub> Lumitrode. The set contains a certified O<sub>2</sub>-cap as replacement, a calibration vessel, and 3 x 30 mL oxygen standard, 0%.

