

# **LIST OF THE METERS WITH EQUIPMENT DELIVERED IN THE STANDARD SET. as for 01.05.2018**

The standard sets may be modified to fulfill the individual requirements of customers. In case of choosing different accessories the difference of prices is calculated.

## **pH METERS, pH / CONDUCTIVITY METERS**

### **CP-105 for clean water**

Meter with replaceable GP-105 head, 3x LR44 batteries, cartoon box, paper user's manual.

### **CP-105 for wastewater and liquids with deposits**

Meter with replaceable GPX-105s head and 2 replaceable sleeves used depending on the measured solution, gel electrolyte, plastic case, 3x LR44 batteries, paper user's manual.

### **CP-411**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 9V battery, plastic case, CD with manual.

### **CP-401**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

### **CP-461**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, stainless steel temperature sensor CT2S-121 (with Pt-1000 selected) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

### **CP-511**

Meter, standard glass combination pH electrode EPS-1 for water without deposits with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, cartoon box, CD with manual.

### **CP-505**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

### **CP-502**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 6V/2A power adapter, RS-232 9 pin cable, 30m thermal paper (57mm), cartoon box, CD with manual and software for data transmission and collection on a PC.

**CPI-505**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

**CPI-502**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 6V/2A power adapter, RS-232 9 pin cable, 30m thermal paper (57mm), cartoon box, CD with manual and software for data transmission and collection on a PC.

**CPI-601**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, stainless steel temperature sensor CT2S-121 (with Pt-1000S - selected) 1m cable, 9V/500mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

**CPC-105**

Meter with replaceable GPC-105 head, 3x LR44 batteries, cartoon box, paper user's manual.

**CPC-411**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 9V battery, plastic case, CD with manual.

**CPC-401**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

**CPC-461**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2S-121 (with Pt-1000 selected) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

**CRC-461**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, platinum redox electrode ERS-2 with glass body cable 1m, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2S-121 (with Pt-1000 selected) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

**CPC-511**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, cartoon box, CD with manual.

**CPC-505**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

**CPC-502**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 6V/2A power adapter, RS-232 9 pin cable, 30m thermal paper (57mm), cartoon box, CD with manual and software for data transmission and collection on a PC.

**CPR-411**

Meter, standard plastic body combination pH electrode EPP-1 for water without deposits cable 1m, ERS-2 (or ERP-1) redox electrode with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 9V battery, plastic case, CD with manual.

**CSP-101**

pH simulator Meter, 3x LR44 batteries, BNC / BNC cable for connecting with meters, cartoon box, paper user's manual.

**CSP-501**

pH simulator Meter, 9V/500mA power adapter, cartoon box, BNC / BNC cable for connecting with meters (0.5m), paper user's manual.

**CONDUCTIVITY METERS****CC-105**

Meter with replaceable GC-105 head, 3x LR44 batteries, cartoon box, paper user's manual.

**CC-411**

Meter, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 9V battery, plastic case, CD with manual.

**CC-401**

Meter, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

**CC-461**

Meter, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2S-121 (with Pt-1000 selected) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

**CC-511**

Meter, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, cartoon box, CD with manual.

### **CC-505**

Meter, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

### **CC-502**

Meter, ECF-1 conductivity cell with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 6V/2A power adapter, RS-232 9 pin cable, 30m thermal paper (57mm), cartoon box, CD with manual and software for data transmission and collection on a PC.

## **OXYGEN METERS, pH / OXYGEN METERS, CONDUCTIVITY / OXYGEN METERS**

### **Oxygen meters**

#### **CO-105**

Meter with replaceable GO-105 head, 3x LR44 batteries, plastic case, paper user's manual.

Oxygen head equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, CD with user's manual.

#### **CO-411**

Meter, COG-1 oxygen sensor with 0.9m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 9V battery, plastic case, CD with manual.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

#### **CO-401**

Meter, COG-1 oxygen sensor with 0.9m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

#### **CO-402**

Meter, COG-1ts oxygen sensor with 0.9m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, GXP-01 flow head, 8mm hose (2m), CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

#### **CO-505**

Meter, COG-1 oxygen sensor with 0.9m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

### **CO-502**

Meter, COG-1 oxygen sensor with 0.9m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 6V/2A power adapter, RS-232 9 pin cable, 30m thermal paper (57mm), cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

## **pH / OXYGEN METERS**

### **CPO-401**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, COG-1 oxygen sensor with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

### **CPO-505**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, COG-1 oxygen sensor with 1m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

### **CPO-502**

Meter, standard glass combination pH electrode EPS-1 for water without deposits cable 1m, COG-1 oxygen sensor with 0.9m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 6V/2A power adapter, RS-232 9 pin cable, 30m thermal paper (57mm), cartoon box, CD with manual and software for data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

## **CONDUCTIVITY / OXYGEN METERS**

### **CCO-401**

Meter, ECF-1 conductivity cell with 1m cable, COG-1 oxygen sensor with 0.9m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

### **CCO-505**

Meter, ECF-1 conductivity cell with 1m cable, COG-1 oxygen sensor with 0.9m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 12V/100mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

### **CCO-502**

Meter, ECF-1 conductivity cell with 1m cable, COG-1 oxygen sensor with 0.9m cable, stainless steel temperature sensor CT2B-121 (with Pt-1000B) 1m cable, 6V/2A power adapter, RS-232 9 pin cable, 30m thermal paper (57mm), cartoon box, CD with manual and software for data transmission and collection on a PC.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

## **THERMOMETERS**

### **PT-105**

Meter, 3x LR44 batteries, plastic case / cartoon box, paper user's manual.

The heads with temperature sensors are chosen separately, the price is calculated separately.

### **PT-411**

Meter, CT2S-121 stainless steel temperature sensor (with Pt-1000S - selected) 1m cable, 9V battery, plastic case, CD with manual.

### **PT-401**

Meter, CT1U-143 accurate stainless steel temperature sensor (with Pt-100 1/10B DIN)) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

## **HUMIDITY METERS**

### **PWT-105**

Meter, replaceable head GH-105 without cable, 3x LR44 batteries, cartoon box, paper user's manual.

### **PWT-105k**

Meter, replaceable head GH-105k with cable 0.85m, 3x LR44 batteries, plastic case, paper user's manual.

### **PWT-411**

Meter, not detachable sensor with 0.75m cable, 9V battery, plastic case, CD with user's manual.

### **PWT-401**

Meter, not detachable sensor with 0.75m cable, surface temperature sensor CT2B-121p with 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

## **COATING THICKNESS METERS**

### **MG-101 – tester**

Meter with sensor without cable, 3x LR44 batteries, cartoon box, paper user's manual.

### **MG-105 and MG105a**

Meter with sensor without cable, 3x LR44 batteries, cartoon box, paper user's manual, steel plate and 1 thickness control foil (MG-105a with additional aluminum plate).

### **MG-411**

Meter with not detachable sensor with 0.55m cable, 9V battery, plastic case, steel plate and 2 thickness control foils, CD with user's manual.

### **MG-401**

Meter with not detachable sensor with 0.55m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, plastic case, USB cable, steel plate and 2 thickness control foils, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

### **MG-405**

Meter with not detachable sensor with 0.55m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, plastic case, USB cable, steel and aluminum plates and 2 thickness control foils, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

## **MULTIFUNCTION METERS**

### **CX-105**

Meter, 3x LR44 batteries, plastic case, paper user's manual.

The heads for different measuring functions are chosen separately, the price is calculated separately.

### **CX-401**

Meter, CT2B-121 stainless steel temperature sensor (with Pt-1000B) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Electrodes, cells and sensors are chosen separately, according to the needs.

### **CX-461**

Meter, CT2S-121 stainless steel temperature sensor (with Pt-1000S - selected) 1m cable, 2 x 1.2V rechargeable battery, 5V/1000mA power adapter, USB cable, plastic case, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Electrodes, cells and sensors are chosen separately, according to the needs.

### **CX-505**

Meter, CT2B-121 stainless steel temperature sensor (with Pt-1000B) 1m cable, 12V/100mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Electrodes, cells and sensors are chosen separately, according to the needs.

### **CX-502**

Meter, CT2B-121 stainless steel temperature sensor (with Pt-1000B) 1m cable, 6V/2A power adapter, RS-232 9 pin cable, 30m thermal paper (57mm), cartoon box, CD with manual and software for data transmission and collection on a PC.

Electrodes, cells and sensors are chosen separately, according to the needs.

### **CX-601**

Meter, CT2S-121 stainless steel temperature sensor (with Pt-1000S - selected) 1m cable, 9V/500mA power adapter, USB cable, cartoon box, CD with manual and software for creating calibration reports, data transmission and collection on a PC.

Version for field work with the special case with batteries powered with 15V/1A power adapter. Electrodes, cells and sensors are chosen separately, according to the needs.

### **CX-705**

Meter, stainless steel temperature sensor CT2S-121 (with Pt-1000S - selected) with 1m cable,

15V/1A power adapter, USB cable 1.8 m, CD with manual and software for data transmission and collection on a PC.

Electrodes, cells and sensors are chosen separately, according to the needs.

### **GXZ-3tk multifunction head**

The temperature sensor is built in permanently. Screwed in are: pH combination electrode - EPP-1B or other, conductivity cell ECF-1B, oxygen sensor COG-1B. Head is equipped with a plastic cover for electrodes activation and calibration. Plastic case. The price is corrected in case of resignation from the electrode, sensor or cell or in case of replacing it with other type.

Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, CD with user's manual.

## **ELECTRODES AND SENSORS**

### **Ionode IJ44A pH electrode**

1m cable, gel electrolyte in 45 ml bottle, 2 different sleeves used depending on tyhe type of measured samples, CD with user's manual.

### **COG-1 and COG-2 oxygen sensors**

0.9m cable. Oxygen sensor equipment: 2 spare membrane caps, 30ml electrolyte, sand paper, 30 ml sodium sulfite, plastic case, CD with user's manual.

## **INDUSTRIAL CONTROLLERS**

### **CPC-811**

EPP-1 pH electrode, ECF-1 conductivity cell, 12 V/100mA power adapter, cartoon box.

### **CP-421, CC-421, CO-421, PWT-421, PT-421**

A 12V/100mA power adapter added, other accessories chosen depending on the needs.

### **CP-801, CC-801,CO-801, PWT-801, PT-801, CX-804**

The accessories chosen depending on the needs.

## **Heads for the controllers**

### **GXZ-1t head, GXZ-2t head, GXZ-3t head (immersible)**

for 1, 2 and 3 electrodes respectively. Temperature sensor built in permanently. Plastic protective vessel for storing, electrodes activation and calibration. Put on the end of the head on the part with electrodes and sensors.

Preamplifiers, electrodes and sensors chosen separately, not included in the price.



**GCZ-1t head**

immersible - with conductivity electrodes and integrated preamplifier. The conductivity electrodes, temperature sensor and preamplifier included in the price.

**GXP-01 and GXP-1 flow heads**

for one electrode or sensor with integrated temperature sensor. For the meters of 421, 801 and 804 series.

The electrode, sensor or cell and the preamplifier chosen depending on the needs.

**GXP-1t flow head**

for 1 electrode or sensor, temperature sensor built in permanently.

Preamplifiers, electrodes and sensors chosen separately, not included in the price.

**GXP-2t flow head**

for 2 electrodes or sensors, temperature sensor built in permanently.

Preamplifiers, electrodes and sensors chosen separately, not included in the price.

**GPP-1 flow head**

prepared for pH measurements with the EPX-1t pH electrode (cost of the pH electrode not included in the head price).

**GCP-1t flow head**

with conductivity electrodes and integrated preamplifier. The conductivity electrodes, temperature sensor and preamplifier included in the price. For controllers of 801 and 804 series.