REVIO

WARRANTY 3 YEARS

- 3 Inputs: pH / ISE - Cond - O2
- Colour graphic display
- Data logger, manual and automatic, up to 10.000 savings in GLP

MAIN FEATURES

Professional portable multiparameter with triple **power supply** (battery, PC, electric network) with **innovative backlit colour display**, suitable to work excellently in any conditions, thanks to the automatic and manual adjustment of contrast and brightness.
Possibility to measure **pH, mV, ORP, ISE, Conductivity, TDS, Salinity, Resistivity, Dissolved Oxygen and Temperature**.
The **step by step** guide in setup and calibration mode allows a simple and intuitive use of the device.
Simultaneous display of multiple parameters defined by the user.
Automatic pH calibration with USA and NIST buffers up to 5 points and 5 points defined by the user.
Automatic ORP calibration in 1 point.
Automatic calibration of conductivity up to 4 point and 1 point defined by the user. Adjustable reference temperature and selectable cell constant.
Automatic O2 calibration up to 2 points (0% - 100%).
Indication with icons of the calibrated points.
GLP functions: Date and time, recall of calibration data and setting of calibration deadline.
Manual and automatic data logger with possibility to download data to PC via micro-USB.
Data Link software available to download for free from www.xsinstruments.com.
Stability indicator of measurement and possibility to select 3 stability levels.
All operations are constantly monitored and reported to the user through the **coloured LED** above the display and the self-diagnosis messages.

Equipped with:
Field support with 3 holes for electrodes, buffer solutions, USB cable, power supply, instructions for use and carrying case

XS Revio connectors

Measuring range
pH: -2,000...20,000 (0,001 pH)
mV: -2000...+2000 (0,1 mV)
ISE: 0.001...19999 ppm
Cond: 0,0 µS ...1000 mS (0,1 µS - automatic)
Resistivity: 1 Ω ...10 MΩ
Salinity: 0,1 ppm ... 100 ppt
TDS: 0,01 mg/l...500,0 g/l
DO: 0,0...50 mg/l (0,1 mg/l)
Saturation: 0,0...400 % (0,1 %)
Barometric pressure: 0...1100 mbar (1 mbar)
Temperature:-30...130,0 °C (0,1 °C)

Multiview

Name	Description	p/n
REVIO DHS KIT	Complete with **digital pH electrode 201 T DHS, conductivity cell 2301 T and polarographic sensor**, with built-in temperature sensor and fixed cable 3m, in carrying case.	50110952
REVIO KIT IN CARRYING CASE	Complete with **pH electrode 201 T, conductivity cell 2301T and polarographic sensor**, with built-in temperature sensor and fixed cable 3m, in carrying case.	50110912
REVIO pH ELECTRODE + OXY	Complete with **electrode XS 201 T and polarographic sensor**, both with built-in temperature sensor and fixed cable 3m, in carrying case.	50110922
REVIO COND + OXY	Complete with **conductivity cell 2301T and polarographic sensor**, both with built-in temperature sensor and fixed cable 3m, cable S7-BNC and NT55 3m, in carrying case.	50110942
REVIO ONLY INSTRUMENT	Instrument in carrying case with NT55 probe with cable 3m, cable S7-BNC, and accessories	50110932

ACCESSORIES

ELECTRODES AND SPARE PARTS

Name	Description	p/n
201 T - DHS pH ELECTRODE - 3 m	**Digital** pH electrode combined with DHS technology with built-in temperature sensor. Gel filling with porous separator. Maintenance-free. Fixed cable 3m. **pH 0...14, temperature 0...60 °C**. Dimensions (L x Ø) mm 120x12	32200153
201 T - ATC pH ELECTRODE - 3 m	Plastic body pH electrode with temperature sensor for general applications. Gel filling with porous separator Maintenance-free. Fixed cable 3 m. **pH 0...14, temperature 0...60 °C**. Dimensions (L x Ø) mm 120x12	50002072
2301 T EC CELL - 3 m	**Conductivity cell C=1** with built-in temperature sensor, epoxy body, cable 3 m. **Working range**: 10µS...200 mS	50004092
DO7 / 3mt OXY SENSOR - 3 m	**Polarographic sensor**, cable 3 m, 2 replacement membranes, refill solution (30ml)	50010242
REDOX REDOX SENSOR - 3 m	Combined Redox electrode with plastic body for general applications. Fixed cable 3 m with BNC connector. Gel filling with porous separator. Maintenance-free. **Working range**: ± 1.000 mV, temperature 0...60 °C	51004132
NT 55 T SENSOR - 3 m	Temperature sensor NTC 30 K, cable 3 m, **for liquids and air**	50002082
MEMBRANE	Kit 2 replacement membranes for sensor DO7/3MT	50010252
ELECTROLYTE	Refill solution for sensor DO7/3MT (30ml)	50010262
0% STANDARD	Zero Oxygen standard - **1 bottle**	50010292
0% STANDARD	Zero Oxygen standard - **5 bottles pack**	50010272
NEW **SUPPORT**	Magnetical support for portable meter 7-70 REVIO Series with electrodes holder	50110252

PC 70 √io

- **Resolution** *0,1 / 0,01 pH - 0,01 µS*
- Automatic and manual **temperature compensation**
- **Data logger** auto and manual , **up to 1000 savings** *in GLP*
- **GLP** function
- **DHS digital sensors** management.

MAIN FEATURES

Professional portable multiparameter with **innovative high-resolution colour display**, suitable to work in any conditions, thanks to the automatic and manual brighteness adjustment.
Possibility to select the parameters you want to show.
The **step by step guide** in setup and calibration mode allows a simple and intuitive use of the device.
Automatic pH calibration with USA and NIST buffers up to 3 points and 2 points custom defined by the user.
Automatic ORP calibration in 1 point.
Automatic calibration of conductivity up to 4 points and 1 point custom defined by the user.
Adjustable reference temperature and selectable cell constant.
Indication with icons of the calibrated points.
Measurement **stability indicator** and possibility of selecting 3 levels of stability.
All operations and errors are constantly monitored and shown to the operator via the **coloured LED** above the display.
GLP function: Date and time, recall of calibration data and function **"Calibration due"**.
Data logger up to 1000 savings, manual and automatic, PC connection via micro-USB.
Data-Link + software available from www.xsinstruments.com.

PC 70 Vio Kit

Measuring range
pH: -2,00...16,00 (0,01 pH)
mV: -1000...+1900 (0,1 mV)
Cond: 0,01 µS ...200 mS (0,01 µS - automatic)
Salinity: 0,1 ppm ... 100 ppt
TDS: 0,01 mg/l ... 200 g/l
Temperature:-10...110,0 °C (0,1 °C)

Equipped with:
Field support with 3 holes for electrodes, coloured buffer solutions of pH and conductivity, USB cable and power supply, instructions for use and plastic carrying case.

Name	Description	p/n
PC 70 VIO DHS ELECTRODE + CELL	**With digital pH electrode 201 T DHS and conductivity cell 2301T,** both with integrated temperature sensor and cable 1 m	50110872
PC 70 VIO ELECTRODE + EC CELL	**With pH electrode 201 T and conductivity cell 2301T,** both with integrated temperature sensor and cable 1 m	50110812
PC 70 VIO ONLY EC CELL	**Without pH electrode. With conductivity cell 2301 T**, temperature sensor NT55 , S7-BNC cable and accessories	50110822

PC 7 √io

- **Resolution** *0,1 / 0,01 pH - 0,01 µS*
- Automatic and manual **temperature compensation**
- **DHS digital sensors** management.

MAIN FEATURES

Professional portable multiparameter with **innovative high-resolution color display,** suitable to work in any conditions, thanks also to the possibility to adjust automatically and manually contrast and brightness of the display.
Possibility to select the parameters you want to show.
The **step by step guide** in setup and calibration mode allows a simple and intuitive use of the device.
Automatic pH calibration with USA and NIST buffers up to 3 points and 2 points custom defined by the user.
Automatic ORP calibration in 1 point.
Automatic calibration of conductivity up to 4 points and 1 point custom defined by the user.
Adjustable reference temperature and selectable cell constant.
Indication with icons of the calibrated points.
Measurement **stability indicator** and possibility of selecting 3 levels of stability.
All operations and errors are constantly monitored and shown to the operator via the **coloured LED** above the display.

Measuring range:
pH: 0,00...14,00 (0,01 pH)
mV: -1000...+1000 (0,1 mV)
Cond: 0,01 µS ...200 mS (0,01 µS - automatic)
TDS: 0,01 mg/l ... 200 g/l
Temperature:0...100,0 °C (0,1 °C)

Equipped with:
Field support with 3 holes for electrodes, coloured buffer solutions of pH and conductivity, instructions manual and plastic carrying case.

Connectors protected by the semitransparent case

Name	Description	p/n
PC 7 VIO DHS ELECTRODE + CELL	**With digital pH electrode 201 T DHS and conductivity cell 2301T,** both with integrated temperature sensor and cable 1 m	50110752
PC 7 VIO ELECTRODE + EC CELL	**With pH electrode 201 T and conductivity cell 2301T,** both with integrated temperature sensor and cable 1 m	50110712
PC 7 VIO ONLY EC CELL	**Without pH electrode. With conductivity cell 2301 T,** temperature sensor NT55 , S7-BNC cable and accessories	50110722

PC ACCESSORIES

pH ELECTRODES

Name	Description	p/n
XS STANDARD DHS DIGITAL pH ELECTRODE	**Digital pH electrode combined with DHS technology.** Glass body and cylindrical membrane for general applications. Refillable KCl 3M electrolyte. **Excellent chemical resistance and easy to clean.Included with serial number and certificate.** Dimensions (LxØ) mm 120x12 - **pH 0...14 - Temperature -10...100 °C**	32200123
XS STANDARD PH ELECTRODE	pH Electrode combined with S7 head. Glass body, for general use. Refillable KCl 3M Electrolyte. **Excellent chemical resistance and easy to clean.** **With serial number and certificate.** Dimensions (LxØ mm) 120x 12 - pH 0...14 - Temperature -10...100 °C.	32200363
XS POLYMER S7	Combined pH Electrode **S7 head**. Glass Body for general use. Cylindrical membrane. Polymer filling, open pore. **For a fast response with high accuracy in samples that might contaminate normal diaphragms**. Maintenance-free. Dimensions (LxØ) mm 120x12 - **pH 0...14 - Temperature -10...80 °C**	32200223
201 T DHS DIGITAL pH ELECTRODE	**Digital pH electrode combined with DHS technology.** Plastic body for general use. Gel Filling, ceramic diaphragm. Maintenance-free. Dimensions (LxØ) mm 120x12. **pH 0...14 - Temperature 0...60 °C**	32200103
201 T PH ELECTRODE	**Combined pH electrode with NTC temperature sensor integrated.** Epoxy body for general applications. Polymer filling with ceramic diaphragm. Maintenance-free. Fixed cable 1 mt., BNC + RCA plug. Dimensions (LxØ) mm 120x12 - **pH 0...14 - Temperature 0...60 °C**	50002002
201 T / 5 PH ELECTRODE	**Combined pH electrode with NTC temperature sensor integrated.** Epoxy body for general applications. Polymer filling with ceramic diaphragm. Maintenance-free. Fixed cable 5 mt., BNC + RCA plug. Dimensions (LxØ) mm 120x12 - **pH 0...14 - Temperature 0...60 °C**	50002022

CONDUCTIVITY CELLS

Name	Description	p/n
VP 1 EC CELL	Cell in **glass body with platinum plates C=1,** fixed cable 1 mt. with BNC plug. **Measuring range: 10µS...10 mS – Temperature 0...80 °C**	50004062
VPT 1 EC CELL	Cell in **glass body with platinum plates C=1, with temperature sensor integrated.** Fixed cable 1 mt., BNC + RCA Cinch plug. **Measuring range: 10µS...100 mS – Temperature 0...80 °C**	50003352
VPT 01 EC CELL	**Steel and PVC cell, C=0,1, with temperature sensor integrated.** Fixed cable 1 mt., BNC + RCA plug. **Measuring range: 0,1µS...1 mS – Temperature 0...60 °C**	50004012
VPT 10 EC CELL	Cell in glass body with platinum plates C=10, temperature sensor integrated, fixed cable 1 mt. BNC + RCA Cinch plug. **Measuring range: 100µS...200 mS..**	50004072
VPT 10 H EC CELL	Cell in **glass body with platinum plates C=10, temperature sensor integrated,** fixed cable 1 mt. BNC + RCA Cinch plug. **Measuring range: 100µS...500 mS.** **Only for XS COND 80+**	50003372
2301 T EC CELL	**Cell in epoxy body C=1, with temperature sensor integrated.** Fixed cable 1 **mt.** BNC+RCA cinch plug. **Measuring range: 10µS...200 mS – Temperature 0...60 °C**	50004002
2301 T / 5 EC CELL	**Cell in epoxy body C=1, with temperature sensor integrated.** Fixed cable **5 mt.** BNC+RCA cinch plug. **Measuring range: 10µS...200 mS – Temperature 0...60 °C**	50004022
EPT 1 EC CELL	**Cell in epoxy body C==1, with temperature sensor integrated.** Fixed cable 1 m, BNC-Cinch. **Measuring range 10µS...100 mS.** **For oily or viscous samples.**	50003382

TEMPERATURE SENSORS

Name	Description	p/n
NT 55 TEMPERATURE SENSOR	Temperature sensor NTC 30K **for liquids and air**	50002012
NT 7P TEMPERATURE SENSOR	Temperature sensor NTC 30K **at penetration temp. sensor**, diameter 4 mm, fixed cable 1 m	50011122

REDOX SENSORS

Name	Description	p/n
REDOX SENSOR	Electrode in epoxy body.Gel filling, double junction, maintenance-free. Ceramic diaphragm. Cable S7-BNC, 1 m. Dimensions (LxØ) mm 120X12 **Measuring range: ± 1.000 mV, temperature 0...60 °C**	32105302
REDOX / 5 SENSOR	Electrode in epoxy body.Gel filling, double junction, maintenance-free. Ceramic diaphragm. Cable S7-BNC, 5 m. Dimensions (LxØ) mm 120X12 **Measuring range: ± 1.000 mV, temperature 0...60 °C**	32105102

CONNECTION CABLE

Connecting cable with **S7 head** and BNC plug for XS pH-meter.
Diameter 3 mm, lenght 1 m.

Name	Description		p/n
BNC	Cable S7-BNC		33551733

CALIBRATION KIT - SACHETS BUFFER SOLUTIONS

Name	Description	p/n
SET CAL pH BIS	It contains 10 x pH 4.01 and 10 x pH 7.00, 25 ml	51102203
SET CAL pH TRIS	It contains 7 x pH 4.01, 7 x pH 7.00, 6 x pH 10.01, 25 ml	51102213
SET CAL COND	It contains 10 x EC 1.413 µS and 10 x EC 12.880 µS , 25 ml	51102223
SET CAL PC	It contains 7 x pH 4.01 and 7.00, 6 x EC 1.413 µS , 25 ml	51102233
REPLACEMENT pH	It contains 6 x pH 4.01, pH 7.00, H2O, and 2 x Storage , 25 ml	51102243
REPLACEMENT COND	It contains 7 x EC 1.413 µS, EC 12.880 µS and 6 x deionized H2O, 25 ml	51102253
REPLACEMENT PC	It contains 5 x pH 4.01, pH 7.00 and 1.413 µS, 3 x H2O, 25 ml and 2 x Storage 10 ml	51102263
STORAGE	Storage solutions for electrodes **55 ml**	32208043
STORAGE	Storage solutions for electrodes **500 ml**	32208053

ACCESSORIES

Name	Description	p/n
ST 10 MAGNETIC STIRRER	**Magnetic stirrer, adjustable speed,** with rechargeable batteries, magnetic bar and power supply.	50000132
HOLDER MOD: 3900	Flexible electrode holder	50000112
PRINTER	External printer with normal paper for 60 / 8 / 80 Series, power supply and RS 232 cable	50001502
SUPPORT	Magnetical support for portable meter 7-70 REVIO Series with electrodes holder	50110252