



## PORTABLE MULTIPARAMETER

-  T
-  pH
-  EC
-  ORP
-  ISE
-  DO

# ReVio



# PORTABLE MULTIPARAMETER



## FEATURES

- 3,5" colour **graphic display**
- Multiview** screen up to 6 parameters
- GLP** with password and calibration due
- Internal memory** up to 10.000 GLP data
- Alarm thresholds** for pH
- Titration** mode
- Ultra-pure water** compensation
- Hold** function
- Auto-off
- Full screen** mode
- Connectors **BNC - RCA**
- Free software** DataLink+
- Micro **USBz**
- 3-meter cable sensors
- Selectable **cell constant** (0,1 - 1 - 10)
- Automatic **temperature compensation**
- Automatic **barometric pressure and salinity (DO) compensation**

## SENSORS

XS REV10 is equipped with 3 pairs of BNC - RCA (temperature) inputs. This makes it suitable with most sensors on the market. Using XS Sensor electrodes, maximum accuracy and reliability are achieved.

It is supplied with XS sensors, with integrated T sensor 3-meter cable:

Digital pH electrode 201T DHS  
Conductivity cell 2301T (C = 1)  
Polarographic oxygen sensor



## BRIGHTNESS SENSOR

The brightness sensor manages the display backlight in order to have the best visibility in any condition.

## EASY-TO-USE AND MULTILANGUAGE

Fast, practical, and intuitive user experience thanks to the menu in 7 different languages, guided calibrations and illustrated functions.

All necessary informations are displayed by icons during the measurement.

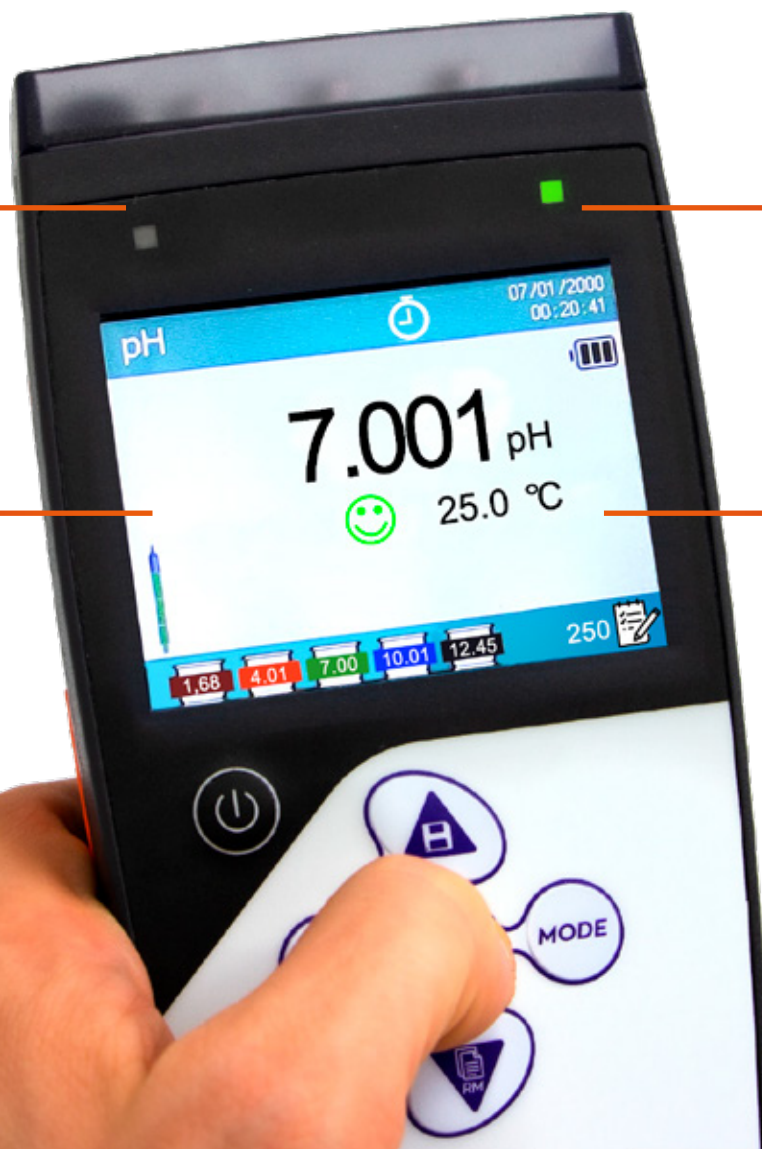
Thanks to the full screen mode, reading the measurement will be even easier.

## LED












The LED constantly indicates the status of the measurement, calibrations, and data saving. Together with the self-diagnosis messages, it allows the user to constantly monitor the measurement status.

## MULTIVIEW

It is possible to select up to 6 parameters to be displayed simultaneously, or to use the pages dedicated to the single parameter.



## MEASURING RANGE

	pH	-2,000...20,000 pH
	ORP	-2000...+2000 mV
	ISE	0.001 ...19999 ppm
	EC	0,01 $\mu$ S ...1000 mS
	Resistivity	1,00 $\Omega$ ...10,00 M $\Omega$
	Salinity	0,01 ... 100,0 ppt
	TDS	0,1 mg/l...500,0 g/l
	DO	0,00...50,00 mg/l
	Oxygen saturation	0,0...400,0 %
	Barometric pressure	300,0...1100,0 mbar
	Temperature	-30...130,0 °C



## SMART CALIBRATION

Guided automatic calibration with recognition of standards, or on values chosen by the user. At the end of each calibration, the graph (pH) and the calibration data are displayed. The calibrated points are always shown on the display.

## GLP - GOOD LABORATORY PRACTICE

Work safely and according to GLP standards by setting the calibration expiry date and the 4-digit password, which protects calibrations, settings, and sensitive data. Using the XS DHS digital sensors, the serial number and model of the electrode can also be traced.

## DATA RECORDING

10,000 data internal memory, or direct recording on PC. The free DataLink+ software allows the download of the saved data, the export In Excel and PDF format, as well as the practical graphic and table display. Micro USB connection port.



#	Date	Time	Value	Unit	Mode
1	25/04/2020	17:09:02	16,86	pH	pH
2	25/04/2020	17:09:03	16,86	pH	pH
3	25/04/2020	17:09:04	16,86	pH	pH
4	25/04/2020	17:09:05	16,86	pH	pH
5	25/04/2020	17:09:06	16,86	pH	pH
6	25/04/2020	17:09:07	16,86	pH	pH
7	25/04/2020	17:09:08	16,86	pH	pH
8	25/04/2020	17:09:09	16,86	pH	pH
9	25/04/2020	17:09:10	16,86	pH	pH
10	25/04/2020	17:09:11	16,86	pH	pH
11	25/04/2020	17:09:12	16,74	pH	pH
12	25/04/2020	17:09:13	16,74	pH	pH
13	25/04/2020	17:09:14	16,74	pH	pH
14	25/04/2020	17:09:15	16,74	pH	pH
15	25/04/2020	17:09:16	16,74	pH	pH
16	25/04/2020	17:09:17	16,74	pH	pH
17	25/04/2020	17:09:18	16,74	pH	pH
18	25/04/2020	17:09:19	16,75	pH	pH
19	25/04/2020	17:09:20	16,75	pH	pH
20	25/04/2020	17:09:21	16,75	pH	pH
21	25/04/2020	17:09:22	16,75	pH	pH
22	25/04/2020	17:09:23	16,75	pH	pH
23	25/04/2020	17:09:24	16,75	pH	pH
24	25/04/2020	17:09:25	16,75	pH	pH
25	25/04/2020	17:09:26	16,75	pH	pH

## HOW TO ORDER

<b>REVIO</b> Complete KIT DHS	Digital pH electrode 201T DHS + EC cell 2301T (C=1) + polarographic DO sensor	<b>50110952</b>
<b>REVIO</b> Complete KIT	pH electrode 201T DHS + EC cell 2301T (C=1) + polarographic DO sensor	<b>50110912</b>
<b>REVIO</b> pH + Oxy	pH electrode 201T DHS + polarographic DO sensor	<b>50110922</b>
<b>REVIO</b> Cond + Oxy	EC cell 2301T (C=1) + polarographic DO sensor	<b>50110942</b>

## SUPPLIED with...

Field support for 3-position electrodes, pH, Cond and Oxy buffer solutions, USB cable, power supply, multilanguage color manual, IP67 case, batteries and test report.

## ON THE FIELD

The IP67 carrying case, impact resistant and with pressure adapter, turns into a real mobile laboratory, complete with all accessories needed for measurement.



# TECHNICAL DATA

 <b>pH</b>	Resolution / Accuracy	0,1 - 0,01 - 0,001 / $\pm 0,002$
	Automatic calibration points / custom	1...5 / 5
	Recognized buffers	USA - NIST - DIN
	Indication of calibration points	Yes, with values
	DHS enabled	Yes
	Indication of electrode status	Yes
	Slope and Offset indication	Yes, date and time of last calibration
	Stability criteria of measurement	3 levels (Med - High - Tit)
 <b>ORP</b>	Resolution	0,1 - 1 mV
	Calibration	1 point (475 mV)
 <b>ISE</b>	Resolution	0,001 - 0,1 (automatic scale)
	Accuracy	0,5 % f.s. (monovalent) / 1% f.s. (bivalent)
	Unit	mg/l - g/l - mol/l
	Automatic calibration	2...5 points
 <b>EC</b>	Resolution / Accuracy	0,01 - 0,1 - 1 (automatic scale) / $\pm 1$ % f.s.
	Automatic calibration points / custom	1...4 / 1
	Recognized standards	84, 147, 1413 $\mu$ S / 12.88, 111.8 mS
	Indication of calibration points	Yes, with values
	Cell Constant	0,1 - 1 - 10
	Indication of Cell constant	Yes
	Temperature coefficient	0,00...10,00% / $^{\circ}$ C - ultrapure water
Reference temperature	15,0 ... 30,0 $^{\circ}$ C	
<b>TDS</b>	TDS factor / Relative accuracy	0.40...1.00 / $\pm 1$ % f.s.
<b>SALINITY</b>	Accuracy	$\pm 1$ % f.s.
<b>RESISTIVITY</b>	Accuracy	$\pm 1$ % f.s.
 <b>DO</b>	Resolution / Accuracy	0,01 mg/l / 1,5 % f.s.
	DO range / Resolution / Accuracy	0,0 ... 400,0 % / 0,1 % / 10 %
	Auto barometric pressure compensation	Yes
	Auto salinity compensation	Yes, with Conductivity Cell connected
 <b>TEMPERATURE</b>	Resolution / Accuracy	0,1 / $\pm 0,2^{\circ}$ C
	Temperature calibration	Yes
	Automatic Compensation	pH - Cond - DO (0...100 $^{\circ}$ C / auto o manual)
 <b>SYSTEM</b>	GLP	YES
	Calibration due	YES, with lock of measurement
	Password	Yes, numeric with 4 digits
	Memory	10.000 data
	Multiview mode	Yes, up to 6 parameters
	Automatic	Yes
	Multilanguage setup	ENG - IT - FR - DE - ESP - POR - CHE
	Input	3 couples of connectors BNC - RCA and Banana 4 mm
	Output	Micro USB
	Power	4 batteries AA 1,5 V - AC/DC USB adapter

WARRANTY  
**3**  
YEARS



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