Vio

pH **7**

pH – mV – ORP – Temperature

pH **70**

pH – mV – ORP – Temperature
GLP – Data Logger

MADE IN ITALY

The first electrochemical instrumentation line completely conceived, designed and produced in **Italy** is here.

pH 7 **√io**

pH – mV – ORP – Temperature

General features

Professional portable pHmeter with innovative high-resolution color backlit display, suitable to work in any conditions, thanks also to the possibility to adjust automatically and manually contrast and brightness of the display.
The **guide onboard 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.
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 **colored LED** above the display.

NEW DISPLAY
The new high-resolution display shows all the useful information, including the buffer used for calibration and the stability icon. Through guided procedures it makes the user experience intuitive and safe, as well as extremely performing.

Connections on **pH Vio**

DHS *D*igital *H*igh *S*ensor

Digital High Sensors are the new pH sensors with internal chip that store parameters, date of last calibration, model and production batch of the electrode.
After a new calibration of the DHS electrode, the data is automatically stored in the electrode chip. If we move this electrode to another DHS-enabled instrument, we can start working immediately and with extreme security as
the data from the last calibration will automatically be transferred and used for pH measurements.
New DHS pH sensors do not have an internal battery so they can be stored as a normal pH electrode and do not use special connectors but a normal BNC.

How to order:

pH 7 VIO	codice
Complete with **digital electrode XS 201 T DHS**, temperature sensor integrated	50110072
Complete with **electrode XS 201 T**, temperature sensor integrated	50110012
Complete with **digital electrode XS 2 Pore T DHS**, food application	50110082
Complete with **electrode XS 2 Pore T**, food application	50110032
With accessories, cable S7-BNC and temperature sensor NT55, **without electrode**	50110022

MADE IN ITALY

pH **70** √io

pH - mV - ORP - Temperature

...only on pH 70 Vio

GLP Functions: Date and time, recall of calibration data and function "Calibration due".

Data logger up to 1000 datas, automatic and manual, PC connect via micro-USB

Data-Link + software available from www.xsinstruments.com.

Automatic brighteness regulation, for long battery life.

*Only **6 buttons** to easily manage all the functions of the instrument.*

A comfortable portable laboratory.

The instrument is supplied in a practical kit which includes:
Colored buffer solutions of pH, USB cable and power supply (70 Vio series only),
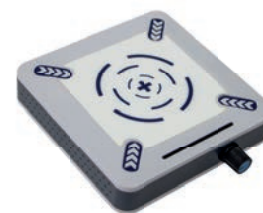*instructions for use and plastic carrying case.*

DATA LINK +
The software allows remote control of the instrument in measure mode. It shows all information relating to the instrument and calibrations, data export at the end of the analysis, (also in Excel and PDF format), and the display of measurements in the table and in graphic.

How to order:

pH 70 VIO	codice
Complete with **digital electrode XS 201 T DHS**, temperature sensor integrated	50110182
Complete with **electrode XS 201 T**, temperature sensor integrated	50110112
Complete with **digital electrode XS 2 Pore T DHS**, food application	50110192
Complete with **electrode XS 2 Pore T**, food application	50110162
With accessories, cable S7-BNC and temperature sensor NT55, **without electrode**	50110122

Data sheet

	pH 7 Vio	pH 70 Vio
pH Measuring range	0 ... 14,00	–2,00...16,00
Resolution / Accuracy	0.1, 0.01 / +0.02	
Calibration points	1...3 automatic + 2 custom	
Recognized buffers	USA, NIST	
DHS sensor recognition	Yes	
mV Measuring range	–1000 ... +1000	–1000 ... +1900
Resolution:	1	0.1 / 1
ORP Calibration points	1 point = 475 mV	
Temperature Measuring range	0,0...100,0 $^{\circ}$C	–10,0...110,0 $^{\circ}$C
Resolution / Accuracy	0,1 / ± 0,5°C	
Temperature compensation	0,0...100,0 $^{\circ}$C	
System : GLP	-	Yes
Calibration due	-	Yes
Buffer indication	Yes	
Calibration report	Yes	
Stability filter	Low – Nor – High	
Internal memory	-	1000 Data
Display	High definition backligt colored LCD	
Brightness settings	Manual	Automatic
IP protection	IP 57	
Output	-	Micro USB
Power	3 batteries AA 1,5 V	
Working conditions	T= 0 ... +45 $^{\circ}$C / H = < 95 %	
Dimensions / Weight	185 x 85 x 45 mm / 400 g	

ST 10 magnetic stirrer

Buffer solutions

Conductivity meters and multiparameters

Code	Name	Description
32200103	**201 T DHS**	Digital pH electrode, DHS technology , plastic body for general use. Temperature sensor integrated. pH 0...14, temperature 0...60 $^{\circ}$C. Dimensions (LxØ) mm 120x12
32200123	**STANDARD DHS**	Digital pH electrode, DHS technology. Glass body with temperature sensor integrated. Electrolite KCl 3M, cable 1 m. pH 0...14, Temp –10...100°C
32105302	**REDOX**	Combined Redox electrode. plastic body for general use. Cable 1 m. Range ± 1.000 mV, Temperature 0...60 $^{\circ}$C. Dimensions (LxØ) 120 x 12 mm
50002012	**NT 55**	Temperature sensor NTC 30 K for air and liquid measurement
50000132	**ST 10**	Variable speed magnetic stirrer, complete with rechargeable batteries, magnetic bar and power supply
50000112	**ELECTRODE HOLDER**	Flexible electrode holder

WARRANTY **5** YEARS

CE

MADE IN ITALY

XS INSTRUMENTS

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