

Violab pH 50

pH - mV - ORP - Temperature

pH 60

pH - mV - ORP - Temperature - GLP - Data Logger - RS 232 Printer





MADE IN ITALY

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

pH 50 Violab

pH - mV - ORP - Temperature

DHS Digital High Sensor

Instruments compatible with DHS digital sensors, for **maximum performance and safety.**

General features

Professional bench meters with innovative backlit high definition colored LCD display, with brightness adjustment. Management of DHS digital sensors.

The step by step guide in setup and calibration allows a simple and immediate use of the device.

Automatic pH calibration with USA and NIST buffers, up to 3 points and 2 points defined by the user.

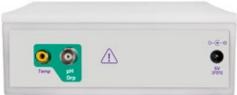
Automatic ORP calibration on 1 point.

Indication of the calibrated points, with icons.

Measurement **stability indication** and possibility to select 3 stability levels.

All operations are constantly monitored and shown to the operator by the **colored LED** above the display and **self-diagnosis messages**.





Connections pH 50 VioLab





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.

How to order:

pH 50 VIOLAB	code
Complete with digital pH electrode XS 201 T DHS, temperature sensor integrated	50101032
Complete with pH electrode XS 201 T , temperature sensor integrated	50101002
With accessories, cable S7-BNC and temperature sensor NT 55, without electrode	50101012

Inside the box:

Electrode holder stand, pH buffer solutions, power supply and instructions for use.





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... only on pH 60 VioLab

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

 $\textbf{Data logger up to 1000 savings}, \, \textbf{manual and automatic}, \, \textbf{PC connect via micro-USB}.$

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

RS 232 external printer connection



Connections pH 60 VioLab



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



DATA LINK +

The software allows remote control of the instrument in measure mode, 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 60 VIOLAB	code
Complete with digital pH electrode XS 201 T DHS, temperature sensor integrated	50101102
Complete with pH electrode XS 201 T , temperature sensor integrated	50101092
With accessories, cable S7-BNC and temperature sensor NT 55, without electrode	50101112

Inside the box:

Electrode holder stand, pH buffer solutions, USB cable, power supply and instructions for use.

Data sheet	pH 50 VioLab	pH 60 VioLab	
pH Measuring range	0 14,00	-216,00	
Resolution / Accuracy	0.1, 0.01/±0.02		
Calibration points	13 Auto + 2 custom		
Buffer recognized	USA, NIST		
Buffer indication	Yes		
Calibration report	Yes	Yes, printable	
DHS sensor recognition	Yes		
Stability filter	Low – Nor - High		
mV Measuring range	-1000 +1000	-1000 +1900	
Resolution	1	0.1/1	
ORP Calibration point	1 point = 475 mV		
Temperature Measuring range	0,0100,0 °C	-10,0110,0 °C	
Resolution / Accuracy	0,1/±0,5°C		
Temperature compensation	0,0100,0 °C		
System : GLP	-	Yes	
Calibration due	-	Yes	
Internal memory	-	1000 Data	
Display	High definition colored bakclight LCD		
Brightness adjustament	Manual		
IP protection	IP 54		
Output	-	Micro USB and RS 232	
Power supply	5 V powe	5 V power adaptor	
Electrical tension	100 240 V		
Working conditions	0 +45 °C		
Dimensions / Weight	160 x 140 x 4	160 x 140 x 45 mm / 380 g	



ST 10 magnetic stirrer



RS 232 printer



Code	Name	Description
32200103	201 T DHS	Digital pH electrode, DHS technology , plastic body for general use. Temperature sensor integrated. pH 014, temperature 060 °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 014, Temp -10100°C
32105302	REDOX	Combined Redox electrode. plastic body for general use. Cable 1 m. Range ± 1.000 mV, Temperature 060 °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
50001502	PRINTER	External RS 232 printer with normal paper for XS 60 VioLab
50000112	HELECTRODE HOLDER	Flexible electrode holder











