pH METERS

PORTABLE INSTRUMENTS WARRANTY 5 YEARS

BENCHTOP INSTRUMENTS WARRANTY 3 YEARS

MADE IN ITALY

COMPANY WITH QUALITY MANAGEMENT SYSTEM **UNI EN ISO 9001:2015** CERTIFIED BY CERTIQUALITY

HOW TO CHOOSE

	Violab pH 50	*Violab pH 60*	*pH 8+ PRO*	*pH 80 PRO*
Resolution	0,01 pH	0,01 pH	0,001 pH	0,001 pH
Display	coloured LCD	coloured LCD	Coloured graphic	Coloured graphic
GLP	○	●	●	●
Calibration password	○	○	●	●
Calibration points	3	3	5	5
Calibration due alarm	○	●	●	●
Electrode status indication	○	○	●	●
Selective ION	○	○	○	●
Data logger	○	●	●	●
PC / Printer connection	○	●	●	●
Analog view	○	○	●	●
Alarm settings	○	○	●	●
Multilanguage	○	○	●	●
Account manager + audit trail	○	○	○	●
External keyboard	○	○	○	●

pH 80 PRO

- **Resolution** *0,1 / 0,01 / 0,001 pH*
- **Advanced user management** *(4 levels, 15 profiles)*
- **Data logger,** *8000 data memory in GLP*
- **Menu Analysis** *for Data Tracking* **+ Audit Trail**
- *Customisable print* **templates**
- **Multiview** *screen*

MAIN FEATURES

pH meter, digital benchtop ionmeter for advanced laboratory analyses.
Automatic pH calibration (6 buffer families) or manual, on 5 values.

ISE calibration from 2 to 5 points.
Automatic and manual ORP calibration (1 point).
Calibration due warning and/or measurement block.
Alarm setting and display functions in analogue, 'Hold' and 'Stability' format with titration mode (Tit) and time stability for ISE, self-diagnosis messages.
Advanced user management (Admin, Manager, User, Guest) with different possibilities of access to instrumental functions.
Different data logger modes (Manual, Automatic, Min/Max, Delta value).
Analysis menu for complete editing of your measurements: you can enter all useful information about the sample and test.
Multiview screen (up to 6 user-selectable parameters can be displayed simultaneously).
Customisable print templates. Multilingual Setup Menu (Ita - Eng - Deu - Fra - Esp - Por).
Free **Data-Link+** software at www.xsinstruments.com for PC data management, including **Audit Trail.**
2 USB outputs for external keyboard and PC connection. RS232 port for printer connection.
Independently controlled magnetic stirrer (optional).

Measuring range:
pH: -2,000...20,000 (0,001 pH)
mV: -2000...+2000 (0,1 mV)
ISE: 0,001...19999ppm
Temperature:-30...130.0 °C (0.1 °C)

Equipped with:
S7/BNC cable, NT 55 temperature probe, stand electrode holder, coloured buffer solutions, external keyboard, USB cable and multi-socket power supply unit.

Name	Description	p/n
pH 80 PRO STIRRER	Complete with **digital electrode XS Standard DHS, magnetic stirrer with adjustable speed**	50101392
pH 80 PRO STIRRER	Complete with **electrode XS Standard, magnetic stirrer with adjustable speed**	50101402
pH 80 PRO STIRRER	Without electrode, with **magnetic stirrer with adjustable speed**	50101412
pH 80 PRO BASIC	**Complete** with **digital electrode XS Standard DHS,** without magnetic stirrer	50101442
pH 80 PRO BASIC	**Complete with electrode XS Standard S7,** without magnetic stirrer	50101422
pH 80 PRO BASIC	Without electrode and magnetic stirrer	50101432
KEYBOARD	External soft keyboard with USB cable for 80+ Series	50001462
IQ-OQ MANUAL 80 SERIES	Printed manual IQ-OQ for **XS 80 Series**	50001472

pH 8 PRO

- **Resolution** *0,1 / 0,01 pH / 0,001 pH*
- Backlit coloured high-definition **graphic display**.
- **Automatic** and manual **temperature compensation**
- **Data logger** auto and manual, up to **1000 savings** *in GLP*

MAIN FEATURES

digital benchtop pH meter.
Automatic pH calibration (5 values) on different standard buffer, or custom (2 values).
Automatic and manual 1-point **ORP calibration**.
Recall and printout of calibration data. Graphical display of electrode status.
Calibration due warning and/or measurement block.
Alarm setting and analogic view, **"Stop-reading" and 'Stability'** with titration mode (Tit), **self-diagnosis messages**.
Numeric password for protecting saved data and calibration management.
Data logger up to 1000 data in GLP with possibility of sending to printer or PC.
Multilanguage Setup Menu (Ita - Eng - Deu - Fra - Esp - Por).
Free **Data-Link+** software at www.xsinstruments.com for PC data management.
USB output for PC connection and RS232 port for printer connection.
Independently controlled magnetic stirrer (optional).

Measuring range:
pH: -2,000...16,000 (0,001 pH)
mV: -2000...+2000 (0,1 / 1 mV)
ORP: -2000...+2000 (0,1 / 1 mV)
Temperature:-20...120,0 °C (0,1 °C)

Equipped with:
S7/BNC cable, NT 55 temperature probe, stand electrode holder, coloured buffer solutions, cable USB and multi-socket power supply.

Name	Description	p/n
pH 8 PRO STIRRER	Complete with **digital electrode XS Standard DHS, magnetic stirrer with adjustable speed**	50101252
pH 8 PRO STIRRER	Complete with **electrode XS Standard, magnetic stirrer with adjustable speed**	50101232
pH 8 PRO STIRRER	Without electrode, with **magnetic stirrer with adjustable speed**	50101242
pH 8 PRO BASIC	**Complete** with **digital electrode XS Standard DHS,** without magnetic stirrer	50101192
pH 8 PRO BASIC	**Complete with electrode XS Polymer,** without magnetic stirrer	50101202
pH 8 PRO BASIC	Without electrode and magnetic stirrer	50101212
MANUAL IQ-OQ 8 SERIES	Printed manual IQ-OQ for **XS 8 PRO Series**	50101492

ACCESSORIES 8 / 80 SERIES

	Description	p/n
MAGNETIC STIRRER	**Adjustable speed,** with electrode holder and connection cable	50001132
PRINTER RS 232	External printer with **normal paper** for XS 60 VioLab / 8 / 80 series	50001502
POWER SUPPLY	Power supply **12V/1A** for XS 8+ e 80+ series	50001512

pH 60 VioLab

- **Resolution** *0,1 / 0,01 pH*
- Automatic and manual **temperature compensation**
- Coloured backlit high definition **LCD display**
- **Data logger** auto and manual , **up to 1000 savings** *in GLP*
- **Automatic calibration up to 3 points**
- **DHS digital sensors** management.

MAIN FEATURES

Professional bench meters with innovative **backlit high definition coloured LCD display,** with possibility of brightness adjustment.
Management of **DHS digital sensors**.
Possibility to select the parameters to show on the display.
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.
Measurement **stability indication** and possibility to select 3 stability levels.
All operations are constantly monitored and shown to the operator by the **coloured LED** above the display and self-diagnosis messages.
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.
RS 232 external **printer connection**

Measuring range
pH: -2,00...16,00 (0,1 - 0,01 pH)
mV: -1000...+1999 (0,1 - 1 mV)
Temperature:-10...110,0 °C (0,1 °C)

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

Name	Description	p/n
pH 60 VIOLAB DHS ELECTRODE	Complete with **digital electrode XS 201 T DHS,** with temperature sensor integrated	50101102
pH 60 VIOLAB ANALOG ELECTRODE	Complete with **electrode XS 201 T**, with temperature sensor integrated	50101092
pH 60 VIOLAB WITHOUT ELECTRODE	With accessories, S7-BNC cable, temperature sensor NT 55, **without electrode**	50101112
PRINTER RS 232	External printer with **normal paper** for XS 60 / 8 / 80 series	50001502

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pH 50 Violab

- Resolution *0,1 / 0,01 pH*
- Automatic and manual **temperature compensation**
- Coloured backlit high definition **LCD display**
- **Automatic calibration up to 3 points**
- **DHS digital sensors** management.

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Automatic ORP calibration on 1 point.
Measurement **stability indication** and possibility to select 3 stability levels.
All operations are constantly monitored and shown to the operator by the **coloured LED** above the display and self-diagnosis messages.

Measuring range
pH: 0,00...14,00 (0,1 - 0,01 pH)
mV: ±1000 (1 mV)
Temperature: 0...100,0 °C (0,1 °C)

Coloured LCD Display

Equipped with:
Electrode holder stand, pH buffer solutions, and instructions for use.

Name	Description	p/n
pH 50 VIOLAB DHS ELECTRODE	Complete with **digital electrode XS 201 T DHS,** with temperature sensor integrated	50101032
pH 50 VIOLAB ANALOG ELECTRODE	Complete with **electrode XS 201 T**, with temperature sensor integrated	50101002
pH 50 VIOLAB WITHOUT ELECTRODE	With accessories, S7-BNC cable, temperature sensor NT 55, **without electrode**	50101012