XS Instruments pH 80

pH/mV/°C Bench top Meter

Easy is the name of the game

A group of European experts in electrochemistry and a famous Asian producer have developed this new line of bench top meters, finding the right balance between the design and **easy to use**.
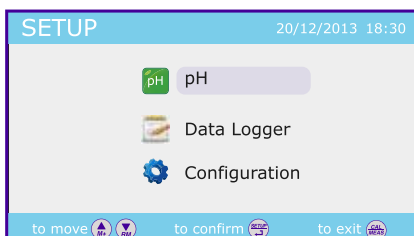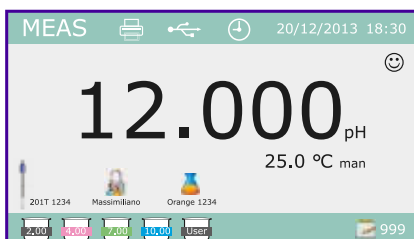
The large color display **easy on to read** shows all information that you need about measurement, buffers used for calibration, electrode's life, GLP information and instrument's memory.

Anyone can use this meter with its plain language screen prompts. Multilanguage interface that support English, Spanish, French, German, Italian… up 8 language. **Easy to learn**. Complete English instruction manual available on line with press only one key.

Up to 5 point pH calibration with automatic recognition for USA/NIST/DIN and User buffers. Icon support all calibration editing function with advanced electrode diagnostics. **Easy to calibrate.**

Main Features

- Display pH/mV and Temperature parameters simultaneously
- Selectable Resolution: 0,1/0,01/0,001 pH
- GLP and IQ-OQ manual available
- Automatic Calibration up to 5 point automatic recognized for USA/NIST/DIN buffers.
- Manual-Calibration up to 2 points (User defined pH Buffer)
- Large color display with indication of Calibration Buffers and measurement's stability
- Memory with re-call of last calibration date and time and information of electrode's life
- CAL DUE: set of calibration frequency for high quality of measurements
- Stability Parameter (Low-Med-High) for high accuracy measurement
- Indication stability of the measurement with icon
- Non-volatile memory holds up to 1000 data points with date and time in automatic (Data logger) or manual and send to PC or printer
- Mix sample with stir plate included direct control from pH 80 with independent keys integrated on case or removable up 50 cm distance with cable plug
- 2x USB ports to transfer data at PC or printer and for external keyboard
- Software PC-Link to download data (included)
- IP54 rated housing handles splashes
- 3 years meter replacement warranty

Printer and Keyboard

Technical specification	pH 80
pH measuring range	-2…20
Resolution	0.1 / 0.01 / 0.001
Relative accuracy	±0,002
Points of calibration	1…5
Buffer recognized	USA, NIST, DIN, 5 USER
Indication of calibration points	YES
GLP Calibration	YES with data and time
Indication of Slope and Offset	YES with data and time
Indication electrode condition	YES with icon
CAL DUE with allarm	YES
Criteria of measurement stability	Low-Medium-High
Allarm value	MIN-MAX
mV (redox) measuring range	± 2000
Resolution	0.1 / 1
Temperature measuring range °C	-20…120
Resolution/ Accuracy	0,1/± 0,2°C
Unit	°C /°F
Temperature compensation	Manual or automatic (NTC 30KΩ) 0...100°C
Temperature Calibration	YES
System GLP	YES
Memory	MAN/AUTO 1000 date with data and time
Display	Matrix multicolors with icons, digital and analogic
Inputs	BNC, Jack phone (ATC), USB for printer or PC, USB for external keyboard
Language	8 language
Manual On-line	YES
Magnetical stirrer	YES
Speed controll stirrer	0...3000 rpm
IP Protection	IP 54
Power supply	AC/DC adapter 9 V / 300 mA
Dimensions	360x220x100 mm
Weight	1250 gr

How to order	
Code	Description
50001402	**pH 80 complete kit** included pH electrode XS STANDARD, temperature probe NT55, S7/BNC 1 m cable, colored pH buffer solution pH 7 and pH 4, 2 becker with magnetical bar for calibration, electrodes arm, power supply and accessories. **With stirrer.**
50001412	**pH 80 kit without pH electrode.** Cable S7/BNC, temperature probe NT55, colored pH buffer solution pH 7 and pH 4, 2 becker with magnetical bar for calibration, electrodes arm, power supply and accessories. **With stirrer.**
32200363	**XS Standard** S7 pH electrode
50001462	**External keyboard**
50001452	**External USB printer**
50001472	**IQ-OQ manual**