



PC 8 Bench top Meter

pH/mV/COND/TDS/°C



XS Instruments PC 8

pH/mV/COND/TDS/°C Bench top Meter

Simple and Easy

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 2 color display **easy on to read** shows all information that you need about measurement, buffers used for calibration, electrode's life.

Up to 3 point pH calibration with automatic recognition for USA/NIST, up to 4 point Conductivity calibration with automatic recognition and User buffers. Icon support all calibration editing function with advanced electrode diagnostics. **Easy to calibrate**.

Only 5 keys allow the user to control all functions in an intuitive and **easy way**.

Main Features

- Display pH/mV and Temperature, COND/TDS and Temperature simultaneously
- Resolution: 0,1/0,01 pH; Auto range for COND
- Selectable cell constant allows for use with 2 plate cell
- Large 2 color display with indication of Calibration Buffers and measurement's stability
- Indication stability of the measurement with icon
- Mix sample with stir plate included direct control with independent keys integrated on case or removable up 50 cm distance with cable plug
- IP54 rated housing handles splashes
- 3 years meter replacement warranty



VPT 51/01

Technical specification

Technical specification	PC 8
<i>pH measuring range</i>	0...14
<i>Resolution / Relative accuracy</i>	0.1 / 0.01 / ±0,01
<i>Points of calibration</i>	1...3
<i>Buffer recognized</i>	USA, NIST, 2 USER
<i>Indication of calibration points</i>	YES
<i>Indication electrode condition</i>	YES
<i>Criteria of measurement stability</i>	Medium
<i>mV (redox) measuring range</i>	± 2000
<i>Resolution</i>	0.1 / 1
<i>COND measuring range</i>	0,00...200mS
<i>Resolution / Relative accuracy</i>	Automatic scale / ±0,5 % value reading
<i>TDS measuring range</i>	0,1mg/L...100 gr/L
<i>TDS Factor</i>	0.40...1.00
<i>Relative accuracy</i>	±0,5 % value reading
<i>Temperature measuring range °C</i>	0...100
<i>Resolution/ Accuracy</i>	0,1/± 0,2°C
<i>Temperature compensation</i>	Manual or automatic (NTC 30KΩ) 0...100°C
<i>Temperature calibration</i>	YES
<i>Calibration points COND</i>	1...4
<i>Calibration standard recognized</i>	84, 1413 µS / 12.88, 111.8 mS 1 point user defined
<i>Indication of calibration standard</i>	YES
<i>TC Temperature coefficient</i>	0,00...10,00% / °C
<i>TR Reference temperature</i>	15...30°C
<i>Indication of cell condition</i>	YES
<i>Type of cell</i>	2 pole
<i>Cell constant</i>	0.1 / 1 / 10
<i>Display</i>	Matrix, 2 colors
<i>Inputs</i>	2xBNC, 2xJack phono (ATC)
<i>Magnetical stirrer</i>	YES
<i>Speed controll stirrer</i>	0...3000 rpm
<i>IP Protection</i>	IP 54
<i>Power supply</i>	AC/DC adapter 9V/300 mA
<i>Dimensions / Weight</i>	360x220x100 mm / 1250 gr

How to order	
Code	Description
50004142	PC 8 complete kit included pH electrode XS Polymer, conductivity cell 2301T with ATC. Cable S7/BNC. Colored pH buffer solution pH 7 and pH 4, standard conductivity solution 1413µS and 12,88 mS, power supply and accessories. With stirrer.
50004152	PC 8 kit without pH electrode, with cond. cell 2301T. Cable S7/BNC, temperature probe NT55, colored pH buffer solution pH 7 and pH 4, standard conductivity solution 1413µS and 12,88 mS, power supply and accessories. With stirrer.
50004162	PC 8 with pH electrode XS Polymer, without cond. cell. Cable S7/BNC. Temperature probe NT55, colored pH buffer solution pH 7 and pH 4, standard conductivity solution 1413µS and 12,88 mS, power supply and accessories. With stirrer.
50004172	PC 8 without pH electrode and cond. cell. Cable S7/BNC, temperature probe NT55, colored pH buffer solution pH 7 and pH 4, standard conductivity solution 1413µS and 12,88 mS, power supply and accessories are provided. With stirrer.
32200443	XS Polymer S7 pH electrode
50004002	2301T standard cell with ATC, range 10µS...200mS, 0...60 °C
50003352	VPT80/1 conductivity cell C=1 with ATC, glass body, platinum plate with 1 m cable. Measuring range: 10µS...100 mS, 0...80 °C
50004012	VPT51/01 conductivity cell C=0,1 with ATC, PVC/stainless steel, with 1 m cable. Measuring range: 0,1µS...1mS, 0...60 °C
50002012	NT 55 Temperature probe

The Perfect Combination



This Chinese symbol means the "The Double Happiness", the combination between two perfect elements. This is used in China as a greeting during wedding. We believe that The Perfect combination is something that going on.

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, innovative ideas in pH and conductivity measurement and easy use.

This is the First Perfect Combination.



If you have a beautiful bench meter, but you don't combine it with a perfect pH electrode, this will be always and only a simple instrument that shows only numbers on the display and not pH measurement. Also in this case we have worked for a perfect combination. A very famous Swiss producer has developed, only for this line of instruments, a complete laboratory line of pH electrodes for every type of application.

This is the Second Perfect Combination.

"The calibration of pH measuring system is one of the most important factors. To ensure a high measuring accuracy one has to follow the correct calibration procedure, use new and accurate buffer solutions and wait long enough for stable indication values of the electrode assembly to be calibrated. No pH measurement can be more accurate than its calibration accuracy"

(International of basic and General Terms in Metrology)

If you have a good electrode, but you don't calibrate this with buffer solutions with good metrological traceability, You can't obtain reliable results. The XS buffer solutions come to celebrate the **Third Perfect Combination.**



A Perfect Combination for new emotion.

XS instruments

Right solution from the start.

Full line of waterproof portable and tester meters for pH, Conductivity and ORP in field measurement.



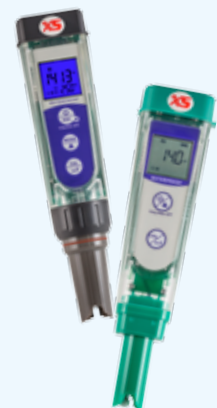
pH Series
pH 7 - pH 70



Conductivity Series
COND 7 - COND 70



Multiparameter
Series PC 7 - PC 70



pH-COND-PC-ORP
waterproof tester

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ISO 9001
CERTIFIED



Designed

