



COND 8 Bench top Meter

COND/TDS/°C



XS Instruments COND 8

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, Standard used for calibration.

Up to 4 point Conductivity calibration with automatic recognition and User standards. Icon support all calibration editing function with advanced conductivity cell diagnostics. **Easy to calibrate**.

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

Main Features

- Display COND/TDS and Temperature simultaneously
- Resolution: automatic scale
- Selectable cell constant allows for use with 2 plate cell
- Automatic calibration 1 to 4 points between 4 conductivity standard values
- Manual-Calibration up to 1 points (User defined pH Buffer)
- Large 2 color display with indication of Calibration Standards and measurement's stability
- Indication stability of the measurement with icon
- Mix sample with stir plate included direct control from COND 8 (stirrer version) 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	COND 8 Basic / Stirrer
COND measuring range	0,00...200 mS
Resolution	Automatic scale
Relative accuracy	±0,5 % value reading
TDS measuring range	0,1mg/L...100 gr/L
TDS Factor	0.40...1.00
Relative accuracy	±0,5 % value reading
Temperature measuring range °C	0...100
Resolution/ Accuracy	0,1/± 0,2°C
Unit	°C/°F
Temperature compensation	Manual or automatic (NTC 30KΩ) 0...100°C
Temperature calibration	YES
Calibration points COND	1...4
Calibration standard recognized	84, 1413 μS / 12.88, 111.8 mS 1 point user defined
Indication of calibration standard	YES
TC Temperature coefficient	0,00...10,00% / °C
TR Reference temperature	15...30°C
Indication of cell condition	YES
Type of cell	2 pole
Cell constant	0.1 / 1 / 10
Display	Matrix, 2 colors
Inputs	BNC, Jack phono (ATC)
Magnetical stirrer	NO in basic version, YES in stirrer version
Speed controll stirrer	0...3000 rpm
IP Protection	IP 54
Power supply	AC/DC adapter 9 V / 300 mA
Dimensions	200x220x100mm only instrument, 360x220x100 mm with stirrer
Weight	950gr without stirrer, 1250gr with stirrer



How to order	
Code	Description
50003202	COND 8 complete kit included conductivity cell 2301T. Standard solution 1413 μS and 12,88 mS, cell holder and accessories.
50003212	COND 8 kit without conductivity cell. Standard solution 1413 μS and 12,88 mS, cell holder and accessories.
50003232	COND 8 complete kit included conductivity cell 2301T. Standard solution 1413 μS and 12,88 mS, 2 becker with magnetical bar for calibration, cell holder and accessories. With stirrer.
50003242	COND 8 kit without conductivity cell. Standard solution 1413 μS and 12,88 mS, 2 becker with magnetical bar for calibration, cell holder and accessories. With stirrer.
50001132	Integrated magnetical stirrer with control from instrument
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.



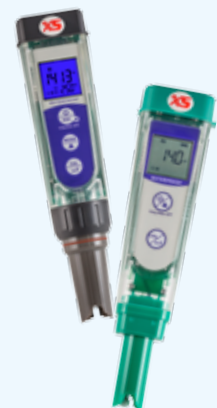
pH Series
pH 7 - pH 70



Conductivity Series
COND 7 - COND 70



Multiparameter
Series PC 7 - PC 70



pH-COND-PC-ORP
waterproof tester

DISTRIBUTED BY:



ISO 9001
CERTIFIED



Designed

