

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



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