



Portable meters



## COND 7+

COND - TDS - Temperature

## COND 70+

COND - TDS - Salinity - Temperature - GLP - USB Data Logger  
Power supply and battery



**XS** makes Conductivity easy



## COND 7+

Conductivity - TDS - Temperature

## COND 70+

Conductivity - TDS -  
Salinity - Temperature - GLP  
USB Data Logger



An elegant and ergonomic IP57 watertight container, with a soft shell, encloses the best in technology. A large clear display (3-colors backlight for COND 70+) shows all the necessary informations regarding the measurement, cell status, and instrument memory, making it easy to use.

All the functional parameters of the connected cell, during measurements or during calibration, are constantly monitored and the operator is informed in case of error.

Only 4 keys for COND 7+ (6 for COND 70+) allows to manage all functions in a simple and intuitive way.

A USB output (COND 70+), properly protected to ensure watertightness, allows to download data from memory (with the date of the last calibration performed), power the instrument from a PC's USB or from its power supply 220V / USB, supplied as standard.

### Display COND 7+ e COND 70+

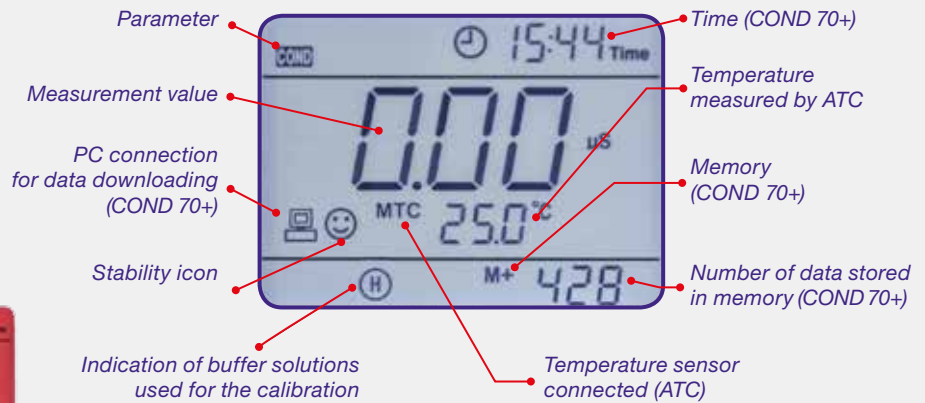
Measure mode



Calibration mode



Alarm



Measurement of conductivity in the soil



Complete carrying case with accessories, useful for use as a portable laboratory



Sample housed in the suitcase to avoid accidental overturning



Stand for use on desk (optional)



Probe connectors



## Main features

- Simultaneous display of Conductivity / TDS and Temperature.
- Automatic calibration from 1 to 4 points selectable from 4 conductivity standard buffers.
- 1 Manual point calibration with user-defined buffer.
- Large display (colored backlight for COND 70+) with indication of the buffer solutions used for calibration, and stability of the measurement.
- Automatic and manual temperature compensation with selectable reference value from 15...30 °C.
- Container with protection IP 57.
- Solid carrying case with all accessories, to be used as a portable laboratory.

### ...only on COND 70+

- Salinity
- GLP
- Memory recall of the last calibration with cell constant date and time.
- CAL TIMER: Setting the calibration frequency for a better quality of your measurements.
- Manual and automatic data logger with memory / recall up to 500 measurements with date, time.
- USB output for data download and power supply, via PC or main power supply supplied as standard.
- Software DataLink 70 for PC data management freely downloadable



PC connection with USB cable



VPT Soil cell for soil conductivity



USB output for data download and power supply, via PC or main power supply, supplied as standard (COND 70+)



## Datasheet

### COND 7+

### COND 70+

COND measuring range	0,00...20,00-200,0-2000 µS/2,000-20,00-200,0 mS	
Resolution	0,01/0,1/1 µS 0,01/0,1 mS	
Relative accuracy	±2% f.s.	
Calibration points	1...4	
Buffers recognized	84 µS – 1413 µS – 12,88 mS – 111,9 mS 1 point defined by the user	
Cell constant	0,1 – 1 – 10 cm <sup>-1</sup>	
Temperature coefficient	0,00...10,00 %/°C	
Reference temperature	15...30 °C	
GLP	–	Yes
Calibration timer	–	Yes
Indication of calibration points	Yes	Yes
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TDS measuring range	0...100 g/l	
Resolution	1% f.s.	
TDS factor	0,4...1,0	
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Salinity measuring range	–	0...50 ppt
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Temperature measuring range	0...100,0 °C	-10...110 °C
Resolution / Accuracy	0,1 °C / ±0,5 °C	
Conductivity temperature compensation	Automatic / manual 0...80 °C	Automatic / manual 0...100 °C
System: GLP	–	Yes
Memory	–	Man / Auto 500 data cwith date and time
Auto power off	After 20 minutes	
Display	LCD (Liquid Crystal Display)	Backlight 3 colors LCD
Input	BNC and RCA / CINCH (CAT)	BNC, RCA / CINCH (CAT) e USB
Power supply	3 x 1,5V batteries AA	3 x 1,5V batteries AA Power adapter AC/DC with USB cable
Battery life	> 200 hours	
IP Protection	Waterproof IP 57	
Dimension / instrument weight	86 x 196 x 33 mm / 295 g	86 x 196 x 33 mm / 300 g
Dimension / carrying case weight	385 x 300 x 115 mm / 1720 g	385 x 300 x 115 mm / 1725 g



**Multiparameter**  
PC 7+ DHS - PC 70+ DHS



**pH**  
pH 7+ DHS - pH 70+ DHS

## How to order COND 7+ COND 70+

Code	Description
50010412	<b>COND 7+ complete kit</b> includes cell 2301 T with temperature sensor integrated, BNC plug, calibration buffer solutions, carrying case and accessories
50010422	<b>COND 7+ without cell</b> , includes calibration buffer solutions, carrying case and accessories
50010512	<b>COND 70+ complete kit</b> includes cell 2301 T with temperature sensor integrated, BNC plug, calibration buffer solutions, power supply, USB cable, carrying case and accessories.
50010522	<b>COND 70+ without cell</b> , include calibration buffer solutions, power supply, USB cable, carrying case and accessories.



Buffer solutions with NIST traceable certificate

## Accessories and spare parts

	Code	Description	
	50004002	<b>COND Cell mod 2301 T</b> with temperture sensor integrated, C=1,0, measuring range 10 µS...100 mS, cable lenght <b>1 m</b>	BNC/RCA-Cinch
	50004022	<b>COND Cell mod 2301 T/5</b> with temperture sensor integrated, C=1,0, measuring range 10 µS...100 mS, cable lenght <b>5 m</b>	BNC/RCA-Cinch
	50004012	<b>Cell VPT 51/01</b> with temperture sensor integrated, C=0,1, measuring range 0,1 µS...1 mS, cable lenght <b>1 m</b>	BNC/RCA-Cinch
	50004072	<b>Cell VPT 80/10</b> with temperture sensor integrated, C=10, measuring range 100 µS...200 mS, cable lenght <b>1 m</b>	BNC/RCA-Cinch
	50004082	<b>Cell VPT Soil</b> conductivity cell with temperture sensor , C=1, for measurements in soil, measuring range 10 µS...50 mS, cable lenght <b>1,5 m</b> for COND 7+ and COND 70+	BNC/RCA-Cinch
	50002012	<b>NT 55</b> temperature probe for COND 7+ and COND 70+	RCA-Cinch
	50010172	<b>Power supply and USB cable</b> for COND 70+	
	50000112	<b>Electrode holder</b> with flexible arm and base	

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