



## COND 51+

Cond - TDS - Temperature

## COND 61

Cond - TDS - Salinity - Temperature  
GLP - USB Data Logger - RS232 printer



 *makes Conductivity easy*

# COND 51+

Cond - TDS - Temperature



Back panel COND 51+

An elegant and ergonomic container encloses the best of electronics.

A large backlight display (3 colors for COND 61) with all measurement informations, calibration buffers, the stability of the measurement and the state of the cell.

All the functional parameters of the sensors connected, during the measurements or during the calibration, are constantly monitored and in case of errors, reported to the operator.

Only 4 keys (6 keys for COND 61) allows you to manage all functions in a simple and intuitive way.

The instrument comes with its 5VDC / 220VAC power adapter.

## COND 51+ and COND 61 Display

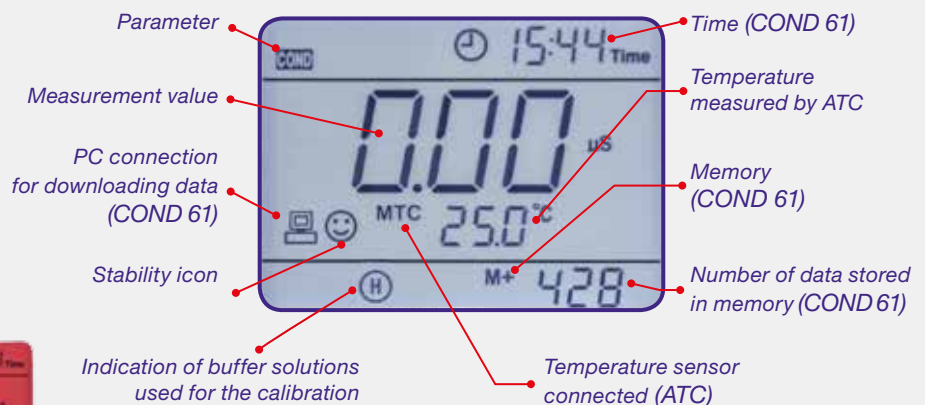
Measure mode



Calibration mode

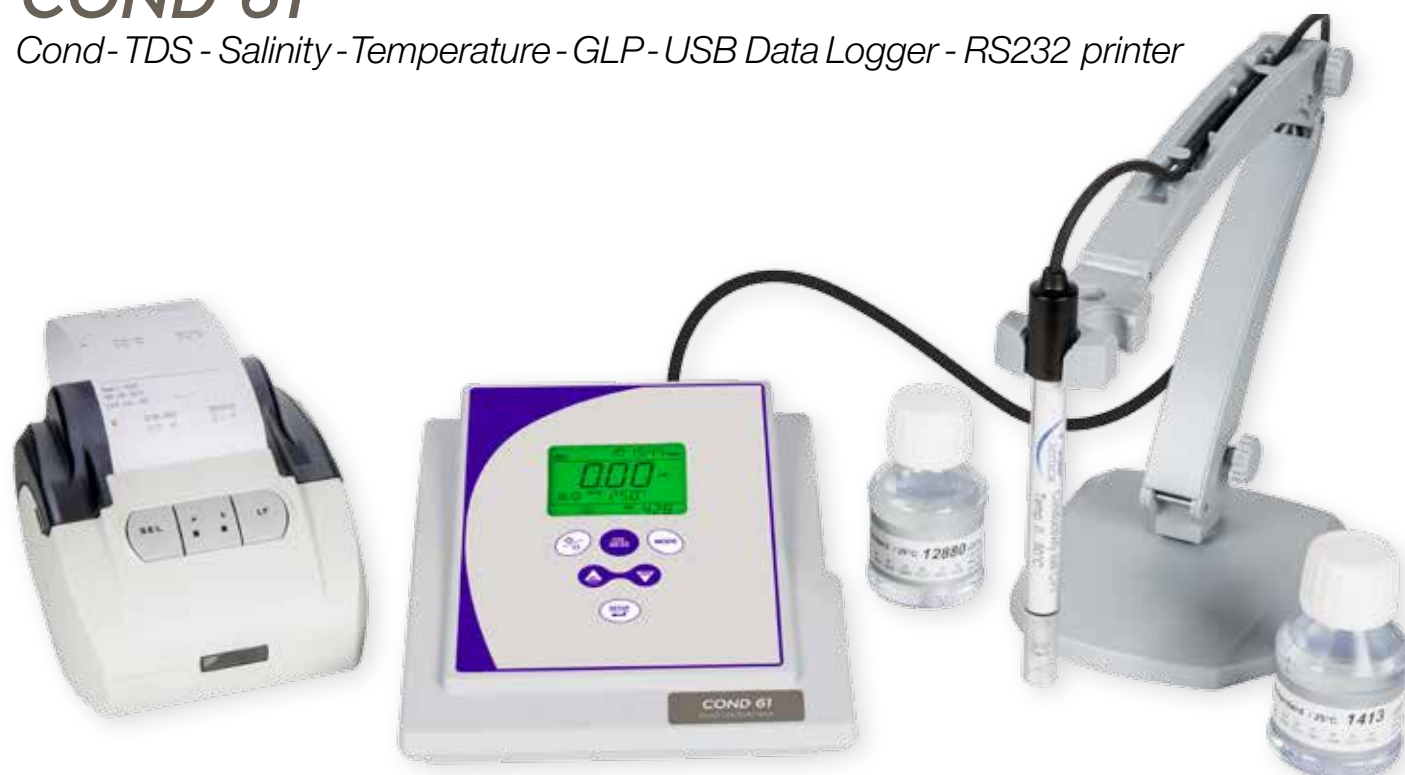


Alarm



# COND 61

Cond- TDS - Salinity - Temperature - GLP - USB Data Logger - RS232 printer



## Main features

- Simultaneous display Cond/ TDS and Temperature.
- Automatic calibration from 1 to 4 points selectable from 4 conductivity standard buffers.
- 1 Manual point calibration with user-defined buffer.
- Automatic and manual temperature compensation with selectable reference value from 15...30 °C.
- Manual and automatic data logger with memory / recall up to 500 measurements with date and time.
- USB port for PC connection with software Data Link 70 freely downloadable.
- RS232 port for printer.

### ...only on COND 61

- Salinity
- GLP
- Memory recall of the last calibration with cell constant check, date and time.
- CAL TIMER: Setting the calibration frequency for a better quality of your measurements.



Back panel COND 61



Conductivity cell VPT 51/01  
for ultrapure water

## Datasheet

	COND 51+	COND 61
<b>COND</b> 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 – 12,88mS – 111,9 mS and 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
<b>TDS</b> measuring range	0...100 g/L	
Resolution	1% f.s.	
TDS Factor	0,4...1,0	
<b>Salinity</b> measuring range	–	0...50 ppt
<b>Temperature</b> 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
<b>System:</b> GLP	–	Yes
Memory	–	Man/ Auto 500 data with date and time
Display	Backlight LCD	3 colors Backlight LCD
Input	BNC and RCA / CINCH (CAT)	BNC, RCA / CINCH (CAT), USB (PC), RS232 (printer)
Power supply	5 V DC / 220 V	
IP protection	IP 54	
Dimensions / weight	160 x 185 x 70 (A) mm / 550 g	



PC 62 DHS



pH 60 DHS



RS232 printer

### How to order COND 51+

Code	Description
50003002	<b>COND 51+ complete kit</b> includes cell 2301T with ATC and cable length 1m, electrode holder, conductivity standards 1413 µS and 12,88 mS and power supply 5V/220V AC
50003012	<b>COND 51+ without conductivity cell</b> , includes electrode holder, conductivity standards 1413 µS and 12,88 mS and power supply 5V/220V AC

### How to order COND 61

Code	Description
50003072	<b>COND 61 complete kit</b> includes cell 2301 T with temperature sensor integrated and BNC plug, standard buffer solutions, power supply, USB cable and accessories
50003082	<b>COND 61 without conductivity cell</b> , Includes standard buffer solutions, power supply, USB cable and accessories



ST 10 Stirrer

## Accessories and spare parts

	Code	Description		
	50004002	<b>COND Cell mod 2301 T</b> with temperature sensor integrated, C=1,0, measuring range 10 µS...100 mS, cable length <b>1 m</b>	BNC/RCA-Cinch	
	50004012	<b>Cell VPT 51/01</b> with temperature sensor integrated, C=0,1, measuring range 0,1 µS...1 mS, cable length <b>1 m</b>	BNC/RCA-Cinch	
	50004072	<b>Cell VPT 80/10</b> with temperature sensor integrated, C=10, measuring range 100 µS...200 mS, cable length <b>1 m</b>	BNC/RCA-Cinch	
	50002012	<b>NT 55</b> temperature probe for COND 51+ and COND 61	RCA-Cinch	
	50001502	<b>RS232 printer</b> normal paper for COND 61, with RS232 cable and power supply		
	50011052	<b>Power supply</b> 5V/ 220V AC for COND 51+ and COND 61		
	50000132	<b>ST 10 magnetic stirrer</b> adjustable speed with rechargeable batteries and power supply		
	50000112	<b>Electrode holder</b> with flexible arm and base		

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