



**WATER KITS SUPPLY**  
Téléport 5  
65290 Juillan - France  
Tel : +33(0)5 62 95 17 94  
email : [contact@water-kits.fr](mailto:contact@water-kits.fr)  
Web : [contact@water-kits.fr](http://contact@water-kits.fr)

# COND 7

COND - Temperature

# COND 70

COND - TDS - Temperature - GLP - data Logger USB

Mains supply and battery



## The Future Starts Now



## COND 7

Conductivity - Temperature

## COND 70

Conductivity . TDS  
Temperature - GLP  
Data Logger USB



### The Future starts now

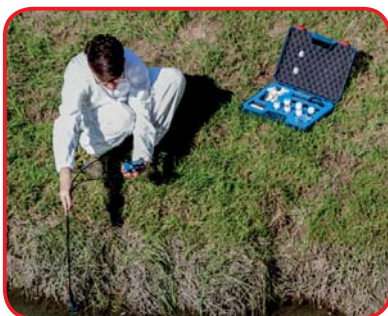
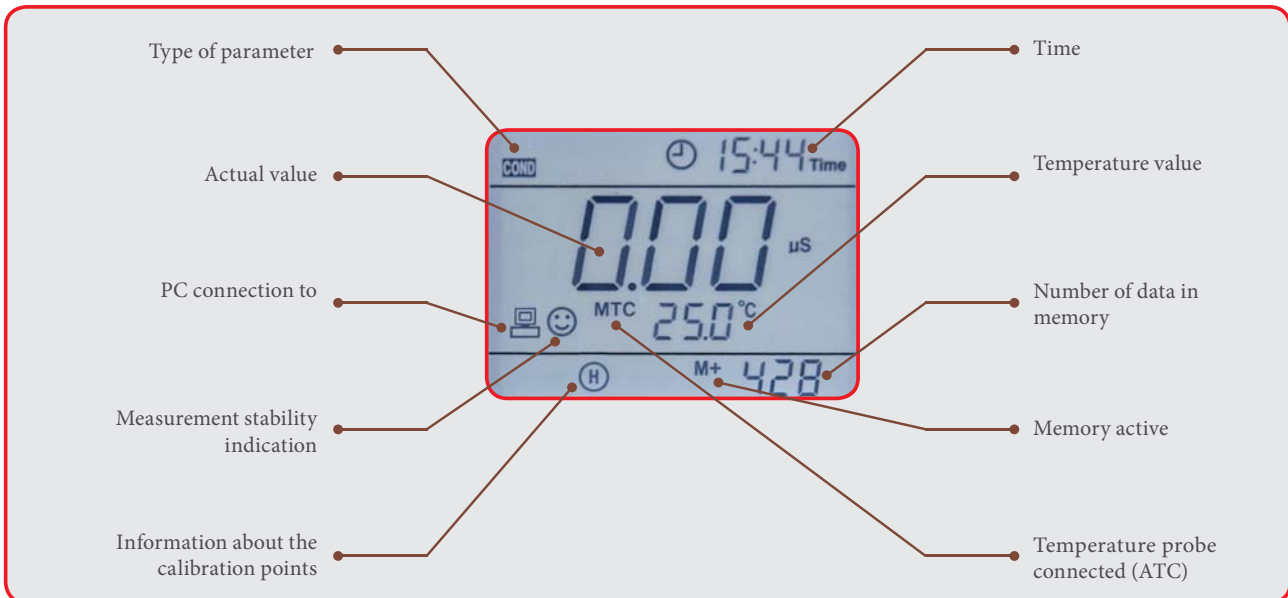
A group of European experts in electrochemistry and a famous Asian producer have developed this new line of portable and bench top meters, finding the right balance between the design and ease of use.

An elegant and ergonomic case, with a practical soft rubber and IP57 protection, contains the best of technology.

A large display (backlight for COND70) shows all information that you need about the measurement, cell's life and instrument's memory. All the functional parameters of connected cell, during measurement or calibration, are constantly checked and inform the operator for easy trouble-shooting.

Only 4 keys for COND 7 ( 6 for COND70) allow the user to control all functions in an intuitive and easy way.

A practical USB port ( COND70), covered to guarantee waterproof protection, allows to download data ( with date of last calibration done ) or power the instrument by Computer or with power supply 220V/USB included.





Strong carrying case with all accessories, to be used as a small portable laboratory

### Main Features

- Display Conductivity and Temperature simultaneously
- Automatic calibration from 1 to 4 points between 4 conductivity standard values
- Manual calibration of 1 point (User defined)
- Large Display (backlight for COND70) with indication of standards used for calibration and stability
- Automatic and manual compensation of temperature with reference value between 15...30 °C
- Waterproof IP57 protection
- Strong carrying case with all accessories to be used as a small portable laboratory

### ...only for COND 70

- TDS measurement with adjustable factor
- GLP
- Memory recall of last calibration with control of cell constant, date and time
- CAL DUE : set of calibration frequency for high quality measurements
- Data logger, manual and automatic with 500 memory values with date and time
- USB port to transfer data and power by Computer or power supply (included)
- Software PC-Link to download data (included)



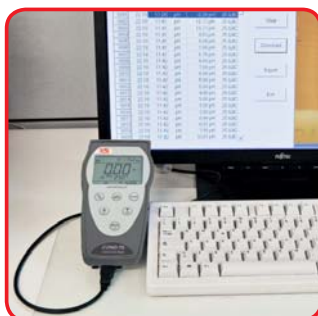
Measuring sample placed in a way that prevents accidental spills



Electrode holder for use on laboratory bench (optional)



Connections for probes



Computer connection with USB



USB port to transfer Data and power by computer or power supply (Cond 70)





Technical specifications	COND 7	COND 70
COND measuring range	0,0...199,9 mS	0,00...199,9 mS
Resolution	0,1/1 µS 0,01/0,1 mS	0,01/0,1/1 µS 0,01/0,1 mS
Calibration points	1...4	1...4
Calibration standards recognized	84 µS – 1413 µS – 12,88 mS – 111,9 mS 1 point user defined	
Cell constant selectable	0,1 – 1 – 10 cm <sup>-1</sup>	
Temperature coefficient	0,00...10,00 %/°C	
Reference temperature	15...30 °C	
GLP Function	-	Yes
CALDUE	-	Yes
Indication of calibration standards	Yes	Yes
TDS measuring range	-	0...100 g/l
Resolution	-	1% f.s.
TDS factor	-	0,4...1,0
Temperature measuring range	0...100,0 °C	-10...110 °C
Resolution / Accuracy	0,1 °C / ±0,5 °C	
Temperature compensation	Automatic / manual 0...80 °C	Automatic / manual 0...100 °C
System: GLP	-	Yes
Memory	-	Man / Auto 500 Data with date and time
Auto power off	After 20 minutes	
Display	LCD (Liquid Crystal Display)	LCD (Liquid Crystal Display) Backlight
Inputs	BNC and Jack phono (ATC)	BNC , Jack phono (ATC) and USB
Power supply	3 x 1,5V batteries AA	3 x 1,5V batteries AA AC/DC adaptor with USB cable
Batteries life	> 200 hours	
IP protection class	Waterproof IP 57	
Dimensions / weight instrument	86 x 196 x 33 mm / 295 g	86 x 196 x 33 mm / 300 g
Dimensions / weight carrying case	385 x 300 x 115 mm / 1720 g	385 x 300 x 115 mm / 1725 g










Multiparameter Series  
PC 7 - PC 70



pH Series  
pH 7 - pH 70

How to order	
Code	Description
50010412	COND 7 complete kit include cond. Cell 2301T with ATC, cable length 1m and BNC plug, Standard calibration solutions, carrying case and accessories.
50010422	COND 7 without conductivity Cell. standard calibration solutions and carrying case with accessories
50010512	COND 70 complete kit include cond. Cell 2301T with ATC, cable length 1m and BNC plug, Standard calibration solutions, power supply, software PC-Link to download data, USB cable and carrying case with accessories.
50010522	COND 70 without conductivity Cell. Standard calibration solutions, power supply, software PC-Link to download data, USB cable and carrying case with accessories

#### Accessories and spare parts

Code	Description	
 50004002	Cond. Cell mod. 2301 T with ATC, C=1,0, measuring range 10 µS...200 mS, cable length 1 m	BNC/Cinch 
 50004022	Cond. Cell mod. 2301 T/5 with ATC, C=1,0, measuring range 10 µS...200 mS, cable length 5 m	BNC/Cinch 
 50004012	Cond. Cell VPT 51/01 with ATC, C=0,1, measuring range 0,1 µS...1 mS, cable length 1 m	BNC/Cinch 
50002012	NT 55 temperature probe for COND 7 e COND 70	Cinch 
50010172	Power supply and USB cable for COND 70	
50000112	Electrode holder with flexible arm	



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