COND **50**

Cond - TDS - Temperature

COND **60**

Cond - TDS - Salinity - Temperature - GLP - Data Logger - RS 232 Printer

MADE IN ITALY

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The first electrochemical instrumentation line completely **conceived, designed and produced in Italy** is here.

COND **50** VioLab

Cond - TDS - Temperature

General features

Professional bench meter with **innovative backlit high definition colored LCD display**, with possibility of brightness adjustment.
The **step by step guide in setup and calibration** allows a simple and immediate use of the device.
Automatic conductivity calibration up to 5 points (84; 147; 1413 µS e 12,88; 111,8 mS) and 1 point custom.
Automatic resolution, reference temperature from 15 to 30 °C, and selectable cell costant (C= 0,1; 1; 10).
Indication of the calibrated points, with icons.
Measurement **stability indication** and possibility to select 3 stability levels.
All operations are constantly monitored and shown to the operator by the **colored LED** above the display and **self-diagnosis messages**.

*The **LED indicator** allows you to keep always under control the state of the measurement*

*Connections **COND 50 VioLab***

NEW DISPLAY
The new high-resolution display shows all the useful information, including the buffer used for calibration and the stability icon. Through guided procedures it makes the user experience intuitive and safe, as well as extremely performing.

How to order:

COND 50 VIOLAB	***code***
*Complete with conductivity cell **2301T** , temperature sensor integrated, cable 1 m*	50103002
*With accessories, **without conductivity***	50103012

Inside the box:
Electrode holder stand, conductivity buffer solutions, power supply and instructions for use.

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COND **60** VioLab

Cond - TDS - Salinity - Temperature - GLP - Data Logger - RS 232 Printer

... only on COND 60 VioLab

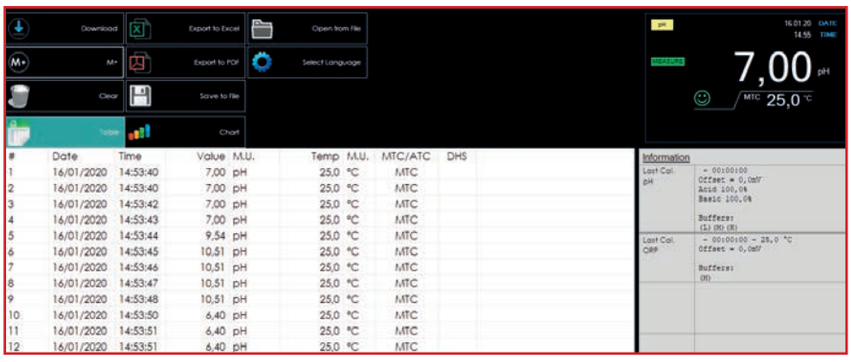
GLP function: Date and time, recall of calibration data and function "Calibration due".

Data logger up to 1000 savings, manual and automatic, PC connect via micro-USB.
Data-Link software available from www.xsinstruments.com.

RS 232 external printer connection

*Connections **COND 60 VioLab***

*Only **6 buttons** to easily manage all the functions of the instrument.*



#	Date	Time	Value	M.U.	Temp	M.U.	MTC/ATC	DHS
1	16/01/2020	14:53:40	7,00	pH	25,0	°C	MTC	
2	16/01/2020	14:53:40	7,00	pH	25,0	°C	MTC	
3	16/01/2020	14:53:42	7,00	pH	25,0	°C	MTC	
4	16/01/2020	14:53:43	7,00	pH	25,0	°C	MTC	
5	16/01/2020	14:53:44	9,54	pH	25,0	°C	MTC	
6	16/01/2020	14:53:45	10,51	pH	25,0	°C	MTC	
7	16/01/2020	14:53:46	10,51	pH	25,0	°C	MTC	
8	16/01/2020	14:53:47	10,51	pH	25,0	°C	MTC	
9	16/01/2020	14:53:48	10,51	pH	25,0	°C	MTC	
10	16/01/2020	14:53:50	6,40	pH	25,0	°C	MTC	
11	16/01/2020	14:53:51	6,40	pH	25,0	°C	MTC	
12	16/01/2020	14:53:51	6,40	pH	25,0	°C	MTC	

DATA LINK +

The software allows remote control of the instrument in measure mode, shows all information relating to the instrument and calibrations, data export at the end of the analysis, (also in Excel and PDF format), and the display of measurements in the table and in graphic.

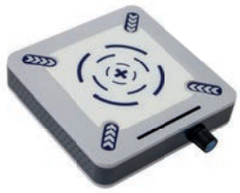
How to order:

COND 60 VIOLAB	***code***
*Complete with conductivity cell **2301T** , temperature sensor integrated, cable 1 m*	50103072
*With accessories, **without conductivity***	50103082

Inside the box:
Electrode holder stand, conductivity buffer solutions, USB cable, power supply and instructions for use.

Data sheet:

	COND 50 VioLab	COND 60 VioLab
COND Measuring range	0,00 ... 200 mS	
Resolution	0,01 - 0,1 - 1 µS / 0,01 - 0,1 mS	
Accuracy	± 2% f.s.	
Calibration points	1...5 Auto + 1 Custom	
Buffer recognized	84 µS - 147µS - 1413 µS - 12,88 mS - 111,8 mS	
Reference temperature	15 ... 30 °C	
Temperature coefficient	0,00 ... 10,00 % / °C	
Calibration points indication	Yes	
Calibration report	Yes	Yes, printable
Stability filter	Low - Nor - High	
TDS Measuring range	0,1 mg/l ... 200 g/l	
TDS Factor	0.40 ... 1.00	
Salinity Measuring range	-	0,1 ppm ... 100 ppt
Temperature Measuring range	0,0...100,0 °C	-10,0...110,0 °C
Resolution / Accuracy	0,1 / ± 0,5°C	
Temperature compensation	0,0...80,0 °C	0,0...100,0 °C
System : GLP	-	Yes
Calibration due	-	Yes
Internal memory	-	1000 Data
Display	high definition backlight colored LCD	
Brightness adjustment	Manual	
IP protection	IP 54	
Output	-	Micro USB and RS 232
Power supply	5 V power adapter	
Electrical tension	100 ... 240 V	
Working conditions	0 ... +45 °C	
Dimensions / Weight	160 x 140 x 45 mm / 380 g	



ST 10 magnetic stirrer

RS 232 printer

Cell 2301 T

Code	Name	Description
50003352	**VPT 1**	**Glass/Platinum conductivity cell C=1**, temperature sensor integrated. Cable 1 m
50004012	**VPT 01**	**Glass/Platinum conductivity cell C=0,1**, temperature sensor integrated. Cable 1 m
50004072	**VPT 10**	**Glass/Platinum conductivity cell C=10**, temperature sensor integrated. Cable 1 m
50004002	**2301 T**	**Plastic body conductivity cell C=1**, temperature sensor integrated. Cable 1 m
50002012	**NT 55**	**Temperature sensor NTC 30 K** for air and liquid measurement
50000132	**ST 10**	Variable speed **magnetic stirrer**, complete with rechargeable batteries, magnetic bar and power supply

WARRANTY 3 YEARS

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GIORGIO·BORMAC s.r.l.

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