

# Vio

## COND 7

Cond - TDS - Temperature

## COND 70

Cond - TDS - Salinity  
Temperature - GLP - Data Logger



**MADE IN ITALY**

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

# COND 7 *Vio*

Cond - TDS - Temperature

## General features

Professional portable conductivity meter with innovative high-resolution color display, suitable to work in any conditions, thanks also to the possibility to adjust automatically and manually contrast and brightness of the display.

The **guide onboard in setup and calibration mode** allows a simple and intuitive use of the device.

**Automatic calibration of conductivity** up to 5 points and 1 point custom defined by the user.

Adjustable reference temperature and selectable cell constant.

Indication with **icons of the calibrated points**.

Measurement **stability indicator** and possibility of selecting 3 levels of stability.

All operations and errors are constantly monitored and shown to the operator via the **colored LED** above the display.



**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.



Connections on COND Vio





## How to order:

COND 7 VIO	code
Complete with conductivity cell 2301T cwith temperature sensor integrated. Cable 1 m	50110412
With temperature sensor NT55, cable S7-BNC and accessories, <b>without conductivity cell</b>	50110422

# COND 70 *Vio*

Cond - TDS - Salinity - Temperature

## ...only on COND 70 Vio

-  **GLP functions:** Date and time, recall of calibration data and function "Calibration due".
-  **Data logger up to 1000 datas**, automatic and manual, PC connect via micro-USB
-  **Data Link +** software available from [www.xsinstruments.com](http://www.xsinstruments.com).
-  **Automatic brightness regulation**, for long battery life.

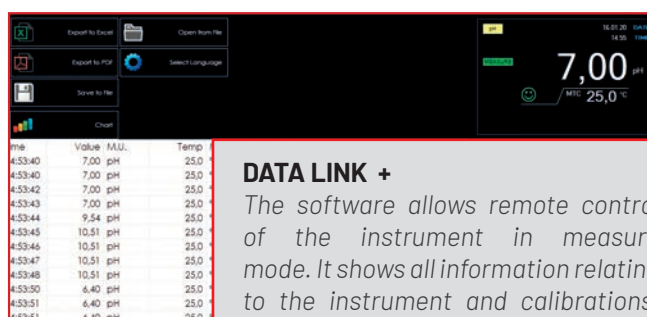


### A comfortable portable laboratory.

The instrument is supplied in a practical kit which includes:  
buffer solutions of conductivity, USB cable and power supply (70 Vio series only), instructions for use and plastic carrying case.



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



### DATA LINK +

The software allows remote control of the instrument in measure mode. It 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 70 VIO

code

Complete with conductivity cell 2301T cwith temperature sensor integrated. Cable 1 m

50110512

With temperature sensor NT55, cable S7-BNC and accessories, **without conductivity cell**

50110522

**Data sheet**

	COND 7 Vio	COND 70 Vio
<b>COND</b> Measuring range	0,00 ... 200 mS	
Resolution	0,01 - 0,1 - 1 $\mu$ S / mS (automatic)	
Accuracy	$\pm$ 2% f.s.	
Calibration points	1...5 automatic + 1 custom	
Recognized buffers	84 $\mu$ S - 147 $\mu$ S - 1413 $\mu$ S - 12,88 mS - 111,8 mS	
Reference temperature	15 ... 30 °C	
Temperature coefficient	0,00 ... 10,00 % / °C	
Buffer indication	Yes	
<b>TDS</b> Measuring range	0,1 mg/l ... 200 g/l	
TDS factor	0.40 ... 1.00	
<b>Salinity</b> Measuring range	-	0,1 ppm ... 100 ppt
<b>Temperature</b> Measuring range	0,0...100,0 °C	-10,0...110,0 °C
Resolution / Accuracy	0,1 / $\pm$ 0,5 °C	
Temperature compensation	0,0...80,0 °C	0,0...100,0 °C
<b>System</b> : GLP	-	Yes
Calibration due	-	Yes
Buffer indication	Yes	
Calibration report	Yes	
Stability filter	Low - Nor - High	
Internal memory	-	1000 Data
Display	High definition backlit colored LCD	
Brightness adjustment	Manual	Automatic / Manual
IP protection	IP 57	
Output	-	Micro USB
Power	3 batteries AA 1,5 V	
Working conditions	T= 0 ... +45 °C / H = < 95 %	
Dimensions / Weight	185 x 85 x 45 mm / 400 g	



**VPT SOIL**  
for direct measures on soil  
cod: 50004082



**2301 T**  
Conductivity cell,  
Temperature sensor integrated  
Cable 1 m  
Measuring range: 10 $\mu$ S...200 mS  
cod: 50004002



**Buffer solutions**  
Certified standard solution of pH,  
Conductivity and Redox.  
Different formats available.

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



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