CONDUCTIVITY METER

PORTABLE INSTRUMENTS WARRANTY 5 YEARS

BENCHTOP INSTRUMENTS WARRANTY 3 YEARS

MADE IN ITALY

COMPANY WITH QUALITY MANAGEMENT SYSTEM **UNI EN ISO 9001:2015** CERTIFIED BY CERTIQUALITY

HOW TO CHOOSE

	Violab COND 50	Violab COND 60	COND 8+	COND 80+
COND and TDS	●	●	●	●
Salinity	○	●	●	●
Resistivity	○	○	○	●
Ultra pure water compensation	○	○	○	●
Display	colour bcklit LCD	colour bcklit LCD	Colour graphic	Colour graphic
GLP Calibration	○	●	●	●
Calibration password	○	○	●	●
Calibration points	4	4	4	4
Calibration due alarm	○	●	●	●
Electrode status indication	○	○	●	●
Data logger	○	●	●	●
PC / printer connection	○	●	●	●
Multilanguage menu	○	○	●	●
Online guide	○	○	○	●
External keyboard	○	○	○	●

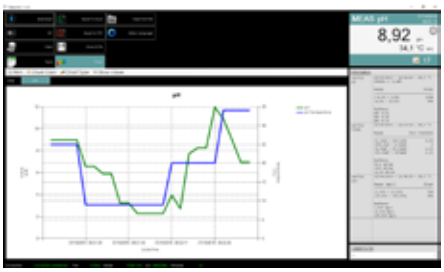
Cond 70 √io

- **Resolution** *0,01 µS*
- Automatic and manual **temperature compensation**
- **Automatic calibration** on 4 standard points and 1 custom
- **Data logger** auto and manual , **up to 1000 savings** *in GLP*
- Coloured backlit high definition **LCD display**
- **GLP** functions

MAIN FEATURES

Professional portable meter with innovative **backlit high definition coloured LCD display**, suitable to work in any conditions, thanks also to the possibility to adjust automatically and manually contrast and brightness of the display.
Possibility to select the parameters you want to show.
The **step by step guide** in setup and calibration mode allows a simple and intuitive use of the device.
Automatic calibration of conductivity up to 4 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**.
All operations and errors are constantly monitored and shown to the operator via the **coloured LED** above the display.
GLP function: Date and time, recall of calibration data and function **"Calibration due".**
Data logger up to 1000 savings, manual and automatic, PC connection via **micro-USB**.
Data-Link + software available from www.xsinstruments.com.

Measuring range:
Cond: 0,01 µS ...200,0 mS (0,01 µS - automatic)
Salinity: 0,1 ppm ... 100 ppt
TDS: 0,01 mg/l ... 200,0 g/l
Temperature: -10...+110,0 (0,1 °C)



Data Link Software

Equipped with:
Conductivity standard, USB cable, power supply, user manual and carrying case.

Name	Description	p/n
COND 70 VIO WITH CELL	Complete with **conductivity cell 2301T with temperature sensor integrated**. Cable 1 m	50110512
COND 70 VIO WITHOUT CELL	With accessories, **without conductivity cell**	50110522

Cond 7 √io

- **Resolution** *0,01 µS*
- Automatic and manual **temperature compensation**
- Coloured backlit high definition **LCD display**
- **Automatic calibration** on 4 standard points and 1 custom
- 3 selectable **cell constants**

MAIN FEATURES

Professional portable conductivity meter with innovative **backlit high definition coloured LCD display**, suitable to work in any conditions, thanks also to the possibility to adjust automatically and manually contrast and brightness of the display.
The **steb by step guide** in setup and calibration mode allows a simple and intuitive use of the device.
Automatic calibration of conductivity up to 4 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 **coloured LED** above the display.

Cond 7 Vio Kit

Measuring range:
Cond: 0,1 µS ...200 mS (0,01 µS - automatic)
TDS: 0,01 mg/l ... 200,0 g/l
Temperature: 0 ... 100,0 (0,1 °C)

Equipped with:
Conductivity standard, user manual and carrying case.

Name	Description	p/n
COND 7 VIO WITH CELL	Complete **with conductivity cell 2301T with temperature sensor integrated.** 1 m cable	50110412
COND 7 VIO WITHOUT CELL	With accessories, **without conductivity cell**	50110422

ACCESSORIES

CONDUCTIVITY CELL

Name	Description	p/n
VP 1 EC CELL	Cell in **glass body with platinum plates C=1,** fixed cable 1 mt. with BNC plug. **Measuring range: 10µS...10 mS – Temperature 0...80 °C**	50004062
VPT 1 EC CELL	Cell in **glass body with platinum plates C=1, with temperature sensor integrated.** Fixed cable 1 mt., BNC + RCA Cinch plug. **Measuring range: 10µS...100 mS – Temperature 0...80 °C**	50003352
VPT 01 EC CELL	**Steel and PVC cell, C=0,1, with temperature sensor integrated.** Fixed cable 1 mt., BNC + RCA plug. **Measuring range: 0,1µS...1 mS – Temperature 0...60 °C**	50004012
VPT 10 EC CELL	Cell in glass body with platinum plates C=10, temperature sensor integrated, fixed cable 1 mt. BNC + RCA Cinch plug. **Measuring range: 100µS...200 mS..**	50004072
VPT 10 H EC CELL	Cell in **glass body with platinum plates C=10, temperature sensor integrated,** fixed cable 1 mt. BNC + RCA Cinch plug. **Measuring range: 100µS...500 mS. Only for XS COND 80+**	50003372
2301 T EC CELL	**Cell in epoxy body C=1, with temperature sensor integrated.** Fixed cable 1 **mt.** BNC+RCA cinch plug. **Measuring range: 10µS...200 mS – Temperature 0...60 °C**	50004002
2301 T / 5 EC CELL	**Cell in epoxy body C=1, with temperature sensor integrated.** Fixed cable **5 mt.** BNC+RCA cinch plug. **Measuring range: 10µS...200 mS – Temperature 0...60 °C**	50004022
VPT SOIL EC CELL	Conductivity cell with temperature sensor integrated and penetration tip, C=1, **for soil measurement,** cable 1,5 m. Measuring range 10 µS...50 mS	50004082

BUFFER SOLUTIONS

With **certificate of analysis** downloadable from www.xsinstruments.com

SACHETS **25 ml**

Name	Description	p/n
EC 1413 µS/cm (25°C)	Pack of 20 sachets, with certificate of analysis	51102053
EC 12880 µS/cm (25°C)	Pack of 20 sachets, with certificate of analysis	51102063
SET CAL COND	Includes 10 x EC 1.413 µS and 10 x EC 12.880 µS	51102223
COND REPLACEMENT	Includes 7 x EC 1.413 µS, EC 12.880 µS and 6 x deionized H20	51102253
H2O	Pack of 20 sachets of deionized water	51102093

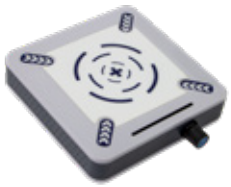
BOTTLE **500 ml ,** with calibration compartment

Name	Description	p/n
84 µS/cm (25°C)	N.I.S.T. Accuracy ±1%	51100613
147 µS/cm (25°C)	N.I.S.T Accuracy ±1%	51100623
1413 µS/cm (25°C)	1278 µS/cm (20°C) - N.I.S.T. Accuracy ±1%	51100633
12.880 µS/cm (25°C)	11670 µS/cm (20°C) - N.I.S.T. Accuracy ±1%	51100643

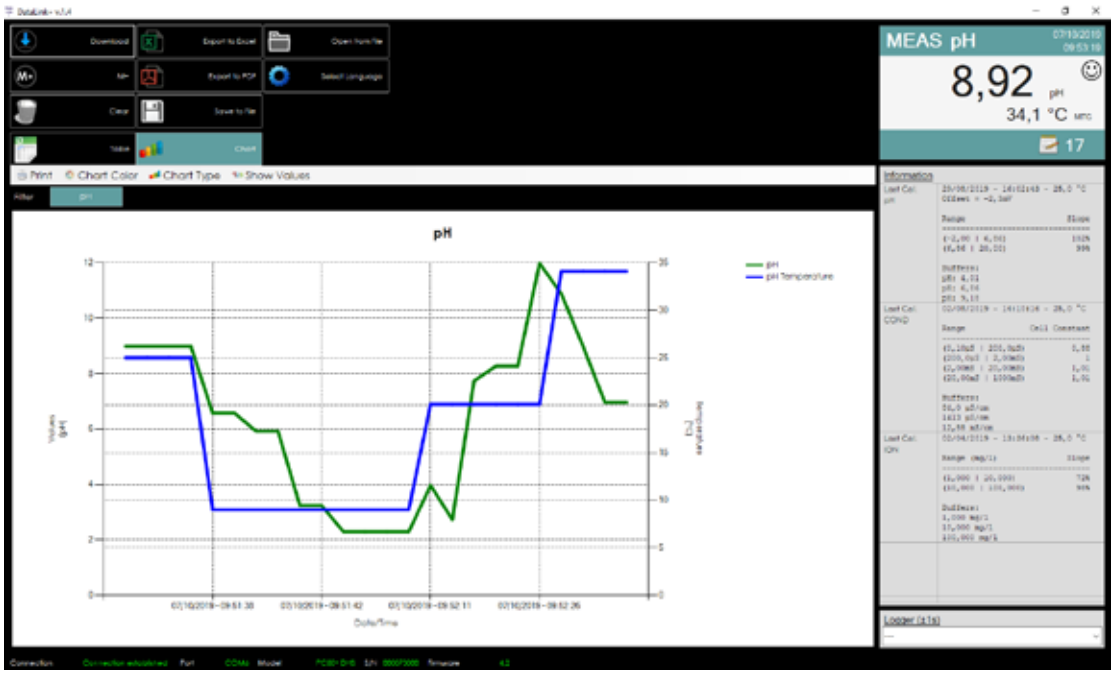
TEMPERATURE SENSOR

Name	Description	p/n
NT 55 TEMPERATURE SENSOR	Temperature sensor for XS VioLab series	50002012

ACCESSORIES

Name	Description		p/n
ST 10 MAGNETIC STIRRER	**Magnetic stirrer, adjustable speed,** with rechargeable batteries, magnetic bar and power supply.		50000132
ELECTRODE HOLDER MOD: 3900	Flexible electrode holder		50000112
PRINTER	External printer with normal paper for XS 8 / 80 SERIES XS VIOLAB 60 power supply and RS 232 cable		50001502
POWER SUPPLY VIO - PORTABLE	Power supply and cable for XS Vio portable series		50110172
POWER SUPPLY VIOLAB - BENCHTOP	Power supply and cable for XS VioLab benchtop series		50001052

DATA LINK +



On the software are shown all the informations about the instruments and calibrations, like slope and offset.
It is possible to view all saved data in graphic form, to see the trend, or in table form.
It is also possible to export datas in Excel and in PDF.
On the top right corner the real time view allows to check measurement directly on the PC.
Multilanguage: English - Italian - French - German - Spanish - Czech.
And then there are a lot of functions for the remote control of the instruments, like data saving and memory reset.

Software ***Data Link +*** available for free on our website www.xsinsturments.com.

Brochures ***XS Vio and XS VioLab*** are available on our website www.xsinstruments.com

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