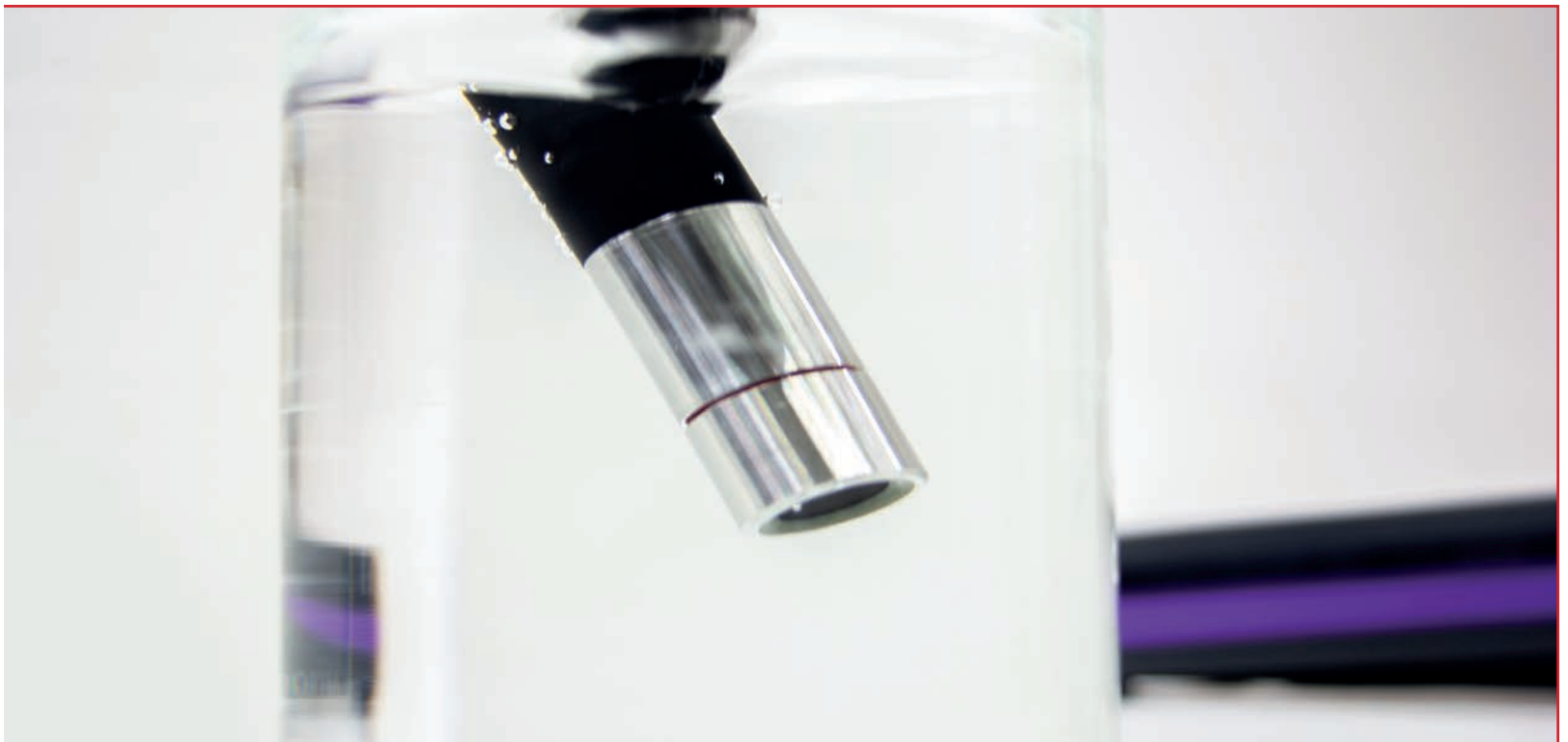# Vio

OXY **7**

O_2 – Barometric pressure – Temperature

OXY **70**

O_2 – Barometric pressure – Temperature
GLP – Data Logger

MADE IN ITALY

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

MADE IN ITALY

OXY **7** √*io*

O$_2$ – Barometric pressure – Temperature

General features

Professional portable oximeter with innovative **backlit high-resolution colour display** for excellent data view in all conditions thanks to the possibility of automatically and manually adjusting the contrast and lighting of the display.

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

Automatic calibration up to two points (0% – 100%).

Automatic compensation of temperature and barometric pressure, manual salinity.

Measurement **stability indicator** and possibility to select 3 stability levels.

All operations are constantly monitored and reported to the operator via the colored **LED** above the display and the **self-diagnosis messages**.

XS OXY 7 Vio model works with a **polarographic sensor**, cable lenght **3 m**.

Polarographic sensor *Connections on OXY 7 Vio*

XS OXY 70 Vio model uses an **optical sensor**, available in two versions: cable lenght **2 m** or **10 m**.

Optical sensor *Connections on OXY 70 Vio*

How to order:

OXY 7 VIO	code
Complete with polarographic sensor DO7/3MT with temperature sensor integrated, cable lenght 3 m, 2 replacement membranes, refill solution (30ml), 0 Oxygen standard, user manual and carrying case.	50110202
Only instrument without oxygen sensor, in Ecopack with user manual.	50110212

MADE IN ITALY

OXY **70** *Vio*

O_2 – Barometric pressure – Temperature – GLP – Data Logger

...only on OXY 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 connection via micro-USB

Data-Link + software available from website www.xsinstruments.com.

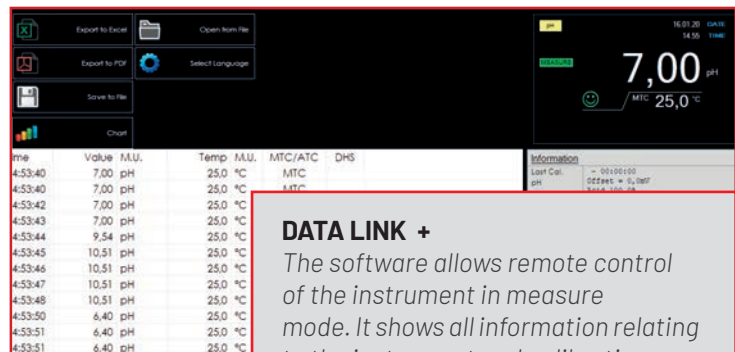**Automatic brighteness regulation**, for long battery life.

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

A comfortable portable laboratory.

The instrument is supplied in a practical kit which includes:
0 Oxygen standard, replacement membrane (Oxy 7 Vio), USB cable and power supply (70 Vio series only), user manual and plastic carrying case.

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:

OXY 70 VIO	code
Complete with optical sensor OXY LDO70, with temperature sensor integrated. **Cable lenght: 2 m**	50110302
Complete with optical sensor OXY LDO70, with temperature sensor integrated. **Cable lenght: 10 m**	50110312

Data sheet

	OXY 7 Vio	OXY 70 Vio
O₂ dissolved Measuring range	0 ... 14	0,00...50,0 mg/l
Resolution	0.01 (< 20,00 mg/l) / 0.1 (> 20,0 mg/l)	
Accuracy	± 1,5% F.S. (full scale)	± 0,2 < 10 mg/l-ppm ± 0,3 from 10 to 20 mg/l-ppm ± 5 % > 20 mg/l-ppm
O₂ saturation Measuring range	0,0...199,9 % / 200...400%	
Resolution	0,1 / 1%	
Accuracy	± 10%	
Calibration point	1 or 2 automatic	
Calibration point indication	Yes	
Calibration report	Yes	
Barometric pressure Measuring range	0...1100 mbar	
Resolution	1 mbar	
Accuracy	± 0,5%	
Pressure automatic compensation	Yes	
Temperature Measuring range	-10,0...110,0 °C	
Resolution	± 0,1°C	
Accuracy	± 0,5°C	
Temperature compensation	Yes, only automatic	
Salinity compensation	Yes, manual	
System : GLP	-	Yes
Calibration due	-	Yes
Internal memory	-	1000 Data
Display	High definition backlit colour LCD	
Brighteness adjustment	Manual	Automatic
IP protection	IP 57	
Output	-	Micro USB
Power	3 batteries AA 1,5 V / Power supply 5 V (OXY 70 Vio)	
Working conditions	T= 0 ... +45 °C / H = < 95 %	
Dimensions / Weight	185 x 85 x 45 mm / 400 g	

Conductivity meter and Multiparameter

IP 67 case - optional
cod. 50010972

Code	Description
50010342	**Optical sensor** for OXY 70, with temperature sensor integrated. **Cable lenght: 2 meters**
50010352	**Optical sensor** for OXY 70, with temperature sensor integrated. **Cable lenght: 10 meters**
50010362	Replacement membrane for **Optical sensor**
50010242	**Polarographic sensor,** with temperature sensor integrated, cable lenght 3 m, 2 replacement membranes, refill solution (30ml)
50010252	Kit of 2 replacement membranes for **polarographic sensor**
50010262	Refill solution for **polarographic sensor**

WARRANTY **5** YEARS

CE

MADE IN ITALY

XS INSTRUMENTS

GIORGIO·BORMAC s.r.l.

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