OCON
chemicals ltd

VioLab

BENCH-TOP METERS

pH **50** pH – mV – ORP – Temperature

pH **60** pH – mV – ORP – Temperature – GLP – Data Logger – RS 232 Printer

XS INSTRUMENTS ®

VioLab

pH **50**

pH - mV - ORP - Temperature

- Professional bench meters with **innovative backlit high definition colored LCD display**, with brightness adjustment.
- Management of **DHS digital sensors**.
- The **step by step guide in setup and calibration** facilitates immediate use of the device.
- **Automatic pH calibration** with USA and NIST buffers, up to 3 points and 2 points defined by the user.
- **Automatic ORP** calibration on 1 point.
- **Indication of the calibrated points**, with icons.
- Measurement **stability indication** and the ability to select 3 stability levels.
- All operations are monitored and provided to the operator via the **colored LED** above the display and **self-diagnosis messages**.

Connections pH 50 VioLab

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

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.

pH 50 VIOLAB	Ocon code
*Complete with pH **electrode XS 201 T**, temperature sensor integrated G-PH50V-3*	SL00G-PH50-3
*With accessories, cable S7-BNC and temperature sensor NT 55, **without electrode** G-PH50V-02*	SLG-PH50V-02

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

XS INSTRUMENTS

OCON chemicals ltd

pH **60**

pH – mV – ORP – Temperature – GLP – Data Logger – RS 232 Printer

... only on the pH 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 pH 60 VioLab

*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, 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.

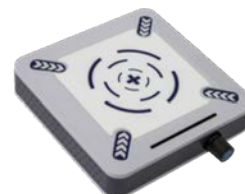| pH 60 VIOLAB	Ocon code
Complete with pH *electrode XS 201 T*, temperature sensor integrated G-PH60WV-3	SL0G-PH60W-3
With accessories, cable S7-BNC and temperature sensor NT 55, *without electrode* PH60WV-02	SLG-PH60WV02

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

Data sheet

	pH 50 VioLab	pH 60 VioLab
pH Measuring range	0 ... 14,00	−2...16,00
Resolution / Accuracy	0.1, 0.01 / ± 0.02	
Calibration points	1...3 Auto + 2 custom	
Buffer recognized	USA, NIST	
Buffer indication	Yes	
Calibration report	Yes	Yes, printable
DHS sensor recognition	Yes	
Stability filter	Low – Nor - High	
mV Measuring range	-1000 ... +1000	-1000 ... +1900
Resolution	1	0.1 / 1
ORP Calibration point	1 point = 475 mV	
Temperature Measuring range	0,0...100,0 °C	-10...110 °C
Resolution / Accuracy	0,1 / ± 0,5°C	
Temperature compensation	0...100 °C	
System : GLP	-	Yes
Calibration due	-	Yes
Internal memory	-	1000 Data
Display	High definition coloured backlight LCD	
Brightness management	Manual	
IP protection	IP 54	
Output	-	Micro USB and RS 232
Power supply	5 V power adaptor	
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

201TN

Ocon Code	Name	Description
SL000G-201TN	**201 TN**	pH electrode, plastic body for general use. Temperature sensor integrated. pH 0...14, temperature 0...60 °C. Dimensions (LxØ) mm 120x12 (G-201TN)
SLG-32200473	**STANDARD**	pH electrode, glass body for general use. Temperature sensor integrated. -10...100°C, pH 0...14, electrolite KCl 3M, cable 1 m. pH 0...14, Temp (G-32200473)
SL0G-CATNT55	**NT 55**	Temperature sensor NTC 30 K for air and liquid measurement (G-CATNT55)
SLGSTIRRER10	**ST 10**	Variable speed magnetic stirrer, complete with rechargeable batteries, magnetic bar and power supply (G-STIRRER10)
SLG-PRINTRSN	**PRINTER**	External RS 232 printer with normal paper for XS 60 VioLab (G-PRINTER-RSN)
SLG-50000112	**HELECTRODE HOLDER**	Flexible electrode holder (g.50000112)

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WARRANTY 3 YEARS