MODEL OXY7 / OXY70

OXY 7
Polarographic sensor
O_2-Temperature-Barometric pressure

OXY 70
Optical LDO sensor
O_2-Temp-Barometric Pressure-GLP-Data logger USB
AC/Mains supply and battery

MAIN FEATURES

• Display O2 and Temperature parameters simultaneously

• Polarographic sensor (OXY 7) and Optical sensor (OXY 70)

• Automatic calibration 1 or 2 points

• Indication stability of measurement for high accuracy

• Large Display (backlight for OXY 70) with indication of calibration buffers and measurement's stability

• Waterproof instrument with IP 57 protection

• Strong carrying case with all accessories to be used as small portable laboratory

• Automatic Air Pressure compensation and manual Salinity compensation

• Only one button press to switch from % Saturation to mg/l(ppm) Oxygen value accurate or fast measurement.

… only for OXY 70

This instrument is equipped with technology of optical luminescence sensor (LDO).

Low maintenance, easy calibration, no polarisation time, no Oxygen consumption and no different gases interference are the big advantage of this new technology

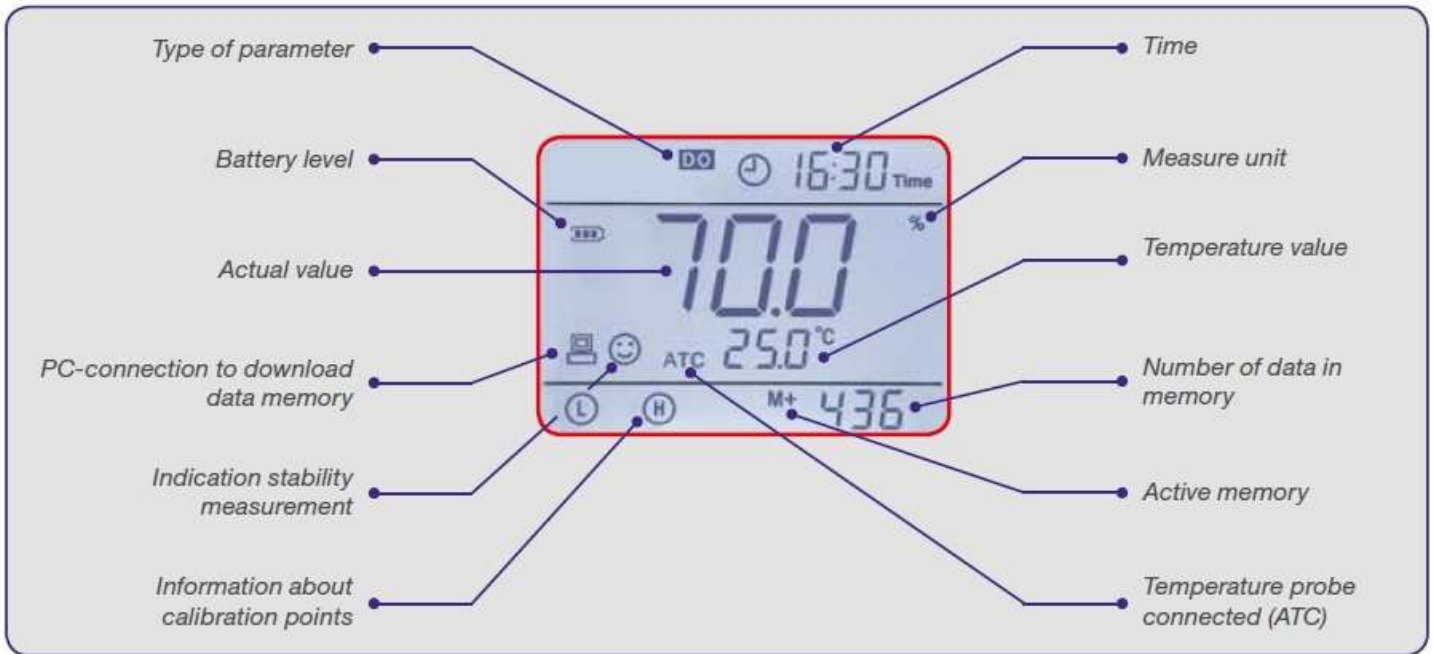Optical luminescence sensor (LDO) is maintenance free. No electrolyte inside at membrane cap

• GLP

• CAL DUE: set of calibration frequency for high quality of measurements

• Memory with re-call of last calibration information (date and time for OXY 70)

• Data logger (automatic or manual) 500 data sets with date and time

• USB port to transfer Data and power by computer or power-supply (included)

• Software DataLink 70 to download data (included)

• IP 67 probe

ECD ANALYZERS

An elegant and ergonomic case, with practical soft rubber and IP57 protection, contains the best of technology. A large display (backlight for OXY 70) shows all information that you need about the measurement, calibration points and instrument's memory (OXY 70).
Only 4 keys for OXY 7 (6 for OXY 70) allow the user to control all functions in intuitive and easy way.
A practical USB port (OXY 70), covered to guarantee waterproof protection, allows to download data (with date of last calibration done), power the instrument by Computer or with power supply 220V/USB included.
All the functional parameters of connected Oxygen sensor, during measurement or calibration, are constantly checked and inform operator for easy trouble-shooting.

Type of parameter	Time
Battery level	Measure unit
Actual value	Temperature value
PC-connection to download data memory	Number of data in memory
Indication stability measurement	Active memory
Information about calibration points	Temperature probe connected (ATC)

Complete carrying case with accessories, useful for use as a portable laboratory

PC connection with USB cable

USB port to transfer data and power by computer or power supply (OXY 70)

TECHNICAL SPECIFICATIONS	Oxy 7	Oxy 70
Dissolved Oxygen measuring range:	0.00 … 19.99 mg/L-ppm / 20.0...50.0 mg/L-ppm	0.00 … 19.99 mg/L-ppm / 20.0...50.0 mg/L-ppm
Resolution:	0.01 / 0.1	0.01 / 0.1
Accuracy (with sensor):	± 1.5% F.S.	± 0.2 up to 10 mg/L-ppm ± 0.3 from 10 to 20 mg/L-ppm ± 5% from 20 to 50 mg/L-ppm
Oxygen saturation measuring range:	0.0...199.9 % / 200...400%	0.0...199.9 % / 200...400%
Resolution:	0.1 / 1%	0.1 / 1%
Accuracy (with sensor):	± 10%	± 10%
Oxygen points of calibration:	1 or 2 automatic	1 or 2 automatic
Barometric air pressure measuring range:	0.0...1100 mbar	0.0...1100 mbar
Resolution:	1 mbar	1 mbar
Accuracy:	± 0.5 %	± 0.5 %
Automatic air pressure compensation:	Yes	Yes
Temperature measuring range	0.0...60.0°C	0.0...60.0°C
Resolution:	0.1°C	0.1°C
Accuracy:	± 0.5°C	± 0.5°C
Automatic and manual temperature compensation:	Yes	Yes (only automatic)
Salinity measuring range:	0...50 ppt	0...50 ppt
Salinity compensation:	Yes manual	Yes manual
GLP system:	No	Yes
Display:	LCD	LCD Backlight
Data memory:	No	Man / Auto 500 data with date and time
Data logger function:	No	Yes
Criteria of measurement stability:	Yes	Yes
Date and time:	No	Yes
Memory data of calibration	No	Yes
CAL DUE (calibration timer)	No	Yes
IP Protection:	Waterproof IP57	Waterproof IP57
Auto power off	Yes After 20 minutes	Yes After 20 minutes
Inputs:	BNC and RCA / CINCH	DIN multipin
Communication interface:	No	USB
Power supply:	3 x 1.5V batteries AA	3 x 1.5V batteries AA Power adapter AC/DC with USB cable
Battery life:	From 300 to 500 hours	From 300 to 500 hours
Dimensions / weight - instrument:	86 x 196 x 33 mm / 295 g	86 x 196 x 33 mm / 300 g
Dimensions / weight – carrying case:	385 x 300 x 115 mm / 1720 g	385 x 300 x 115 mm / 1725 g