

## Portavo 904 Oxy

**Portable and robust analyzer for oxygen measurement.**



Up to 5,000 values can be recorded using the integrated data logger. Using the USB port and the Paraly SW 112 software, the logger data can be easily transferred to a PC for analysis.

### Security Package Included

User management

The professional user management regulates access to the device and the sensor.

- Increased security for configuration, calibration and measurement data
- No unauthorized interventions during the operating cycle
- Up to 4 user profiles can be entered
- Different access rights can be established

Depending on user experience, the role profile can be selectively defined for configuring the device and sensor as well as for calibrating the sensor. The risk of changing settings inadvertently is clearly minimized in this way.

### More Safety During Operation

Memosens sensors can be assigned directly to the Portavo. As such, data saved in the sensor can be consulted, including

Sensor type  
TAG  
Group

Unique sensor-to-device assignment reduces potential errors. This ensures that only the right sensors are used for the selected measuring point.

### Facts and Features

- For use with amperometric Memosens oxygen sensors
- A sensor quiver protects the sensor from damage and drying out
- Robust housing with IP66/67, also for outdoor use
- Li-ion battery – charged directly via USB
- Data logger with 5,000 values
- Micro USB port and Paraly SW 112 software
- The mineral glass display is perfectly readable even after years
- User management for access control
- Sensor check for clear sensor-to-device assignment via sensor type, TAG or "Group"
- Temperature probe adjustment in the Memosens sensor (offset correction)



MEMO SENS

3-year warranty!

## Specifications

Memosens input, oxygen	M8 socket, 4 pins, for Memosens lab cable or M12 socket for Memosens sensors									
	<table border="1"> <tr> <td>Display ranges<sup>1)</sup></td> <td>Saturation</td> <td>0.000 ... 200.0 %</td> </tr> <tr> <td></td> <td>Concentration</td> <td>000 µg/l ... 20.00 mg/l</td> </tr> <tr> <td></td> <td>Partial Pressure</td> <td>0.0 ... 1000 mbar</td> </tr> </table>	Display ranges <sup>1)</sup>	Saturation	0.000 ... 200.0 %		Concentration	000 µg/l ... 20.00 mg/l		Partial Pressure	0.0 ... 1000 mbar
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	Concentration	000 µg/l ... 20.00 mg/l								
	Partial Pressure	0.0 ... 1000 mbar								
	Temperature meas. range <sup>1)</sup> –20 ... 150 °C / –4 ... 302 °F									
Sensor standardization	Automatic calibration in air, humidity adjustable									
	Zero calibration									
	Temperature calibration (TAN option) Software option SW-P002 for temperature probe adjustment in the Memosens sensor (offset correction)									
Storage	in quiver									
Connections	2 x socket, 4 mm dia., for separate temperature probe 1 x M8 socket, 4 pins, for Memosens lab cable 1 x micro USB-B for data transmission to PC 1 x M12, 8 pins, for Memosens sensors									
Display	LCD STN 7-segment display with 3 lines and icons									
	Sensoface Status indication (friendly, neutral, sad)									
	Status indicators For battery power level, logger									
	Notices Hourglass									
Keypad	[on/off], [cal], [meas], [set], [▲], [▼], [STO], [RCL], [clock]									
Data logger	5,000 memory locations Recording Manual, interval- or event-controlled									
MemoLog calibration data logger (Memosens only)	Up to 100 Memosens calibration records can be saved – Recording viewable on the display – Directly retrievable via MemoSuite (USB) Manufacturer, sensor type, serial no., zero, slope, calibration date									
Communication	USB 2.0									
	Profile HID, driverless installation									
	Usage Data exchange and configuration via Paraly SW 112 software									
Diagnostic functions	Sensor data (Memosens only) Manufacturer, sensor type, serial number, operating time									
	Calibration data Calibration date; zero and slope									
	Device self-test Automatic memory test (FLASH, EEPROM, RAM)									
	Device data Device type, software version, hardware version									
Data retention	Parameters, calibration data > 10 years									
EMC	EN 61326-1 (General Requirements) Emitted interference Class B (residential environment) Immunity to interference Industrial applications EN 61326-2-3									
RoHS conformity	According to directive 2011/65/EU									
Power supply	4 x AA alkaline batteries or 1 x Li-ion battery, USB chargeable Operating time Approx. 1000 h (alkaline)									

## Specifications

Nominal operating conditions	Ambient temperature	-10 ... 55 °C / 14 ... 131 °F
	Transport/Storage temp.	-25 ... 70 °C / -13 ... 158 °F
	Relative humidity	0 ... 95 %, short-term condensing allowed
Housing	Material	PA12 GF30 (silver gray RAL 7001) + TPE (black)
	Protection	IP 66/67 with pressure compensation
	Dimensions	Approx. 132 x 156 x 30 mm / 5.2 x 6.14 x 1.18 inches
	Weight	Approx. 500 g / 1.10 lbs

1) Ranges depending on sensor

### По вопросам продаж и поддержки обращайтесь:

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