

Ink / binder type Dissolved Oxygen (DO) meter

OxyScan 300

Professional, highly accurate measuring instrument for dissolved oxygen in liquids. Made in Germany.

The UMS oxygen - microsensor can be used in most solvents as well as in acids and alkalis.



- For electrochemical and optical UMS sensors
- pH or redox potential - BNC connection for simultaneous measurement
- pH measurement temperature-compensated
- Up to 4 UMS oxygen sensors can be connected using the OxyScan Quadro connector

PC Software:

- Remote maintenance via internet
- Remote control of all functions (including switching outputs) and data transfer via Internet
- Display of all measured values and control via PC desktop (USB connection)

Data storage:

- Data logger with adjustable start / stop time and measuring intervals between 5 seconds and 10 minutes
- Automatic storage of all measured values (approx. 3 months during battery operation, also mains operation possible)
- Large internal memory (32768 locations)
- Individual measured value storage on key press with 1000 memory locations.
- Optionally available with GPS – to enable you assigning measured values geographically.

Control functions:

- RC switching outputs for standard RC sockets and radio controlled acoustic signals
- Up to 4 RC sockets with separate two-point control for oxygen (absolute or relative), conductivity, temperature or air pressure
- Two additional alarm outputs, which trigger a standard RC bell when the set values are exceeded or subtracted
- Two additional channels for optical and / or acoustic alarm on the meter

Features:

- Air pressure measurement and automatic compensation, Salinity correction
- Power-saving large graphics display (transflective with background lighting) with best readability even in direct sunlight
- Adjustable contrast, Automatic activation of display and background lighting when the device is moved
- Beep (alarm and key tone) volume and frequency adjustable
- USB port for data transfer and battery charging.
- PC software for data visualization and data export. Online software update.
- Multi-tested USB power adapter (approved for medical devices) with connector options for almost all application areas
- Operation with two standard NiMH batteries (AA size)
- Housing seal: IP 67

Unique Measuring Systems

UMS