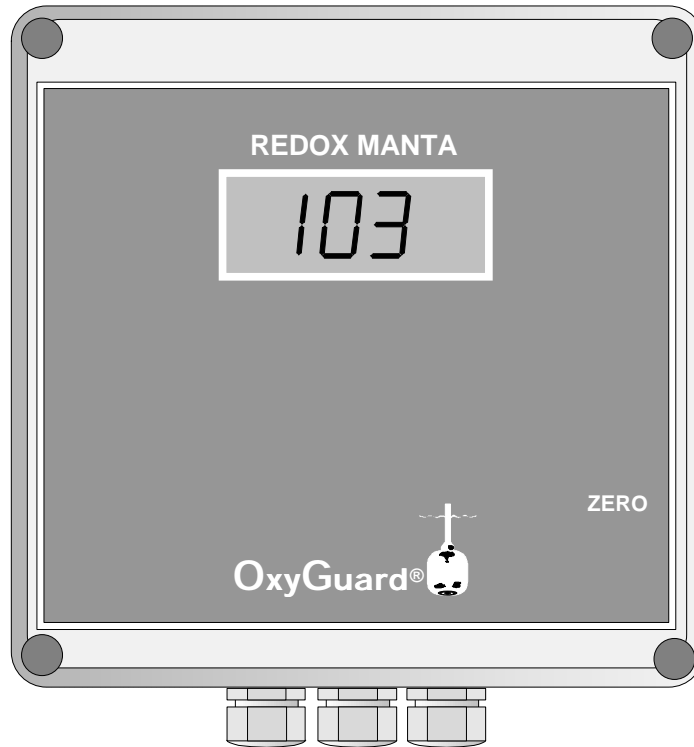


OxyGuard Redox Manta

Single-Channel redox/ORP Measurement System

Redox/ORP Measurement System



The OxyGuard Redox Manta is a single channel redox/ORP measurement system. It has a mA analogue output that can be set to 0-20 mA or 4-20 mA. The unit is a simple, accurate and very rugged measurement unit intended for function as a primary measurement device in fish farms and similar, but can also be used in industrial or other control and monitoring systems.

The Redox Manta is designed for use with the rugged OxyGuard probe, which is found in several versions for different types of mounting.

The OxyGuard Redox Alpha and Redox Plus are found for users who need a measurement system with more functions. The Redox Plus incorporates a pulse-pause controller and high and low alarms.

Technical Information

Technical Advantages

The **OxyGuard Redox Manta** is a single-probe redox/ORP measurement system. As with all **OxyGuard** instruments it is reliable and easy to use. The system consists of a wall-mounted transmitter connected to a probe by a five core cable. The transmitter houses an amplifier, display, power supply, terminals and calibration adjustments. The probe is found in a range of types.

The instrument has an analogue output that the user can set to either 0-20 mA or 4-20 mA. This output is galvanically isolated from the rest of the circuitry.

The **OxyGuard Redox Manta** is reliable. The design of the probe is such that the electrode tip is well protected, avoiding problems due to the fragility of the electrode. Apart from keeping the electrode clean, maintenance as such is not necessary. Electrode replacement, when necessary, can be performed in minutes.

The **OxyGuard Redox Manta** is the ideal choice where there is a need for measurements of reasonable accuracy that can be relied on - day after day - week after week - with a minimum of attention to the equipment!

Specifications

Probe:

Types:	Immersion, Submersion, Flow-Through, others on request.
Electrode type:	Combination, with gelled reference electrode
Range:	0 to 1000 mV, placed as ordered.
Operating temperature:	0-60°C
Operating pressure:	max 0.6 bar.

Transmitter:

Housing:	Plastic enclosure, IP 65, hxbxd 120 x 120 x 58 mm
Supply:	230 VAC. 110 and 24 VAC types available.
Output:	0-20 or 4-20 mA, can be selected by user, galvanically isolated.
Display:	3½ digit LCD
Operating temperature:	-10 to +50°C

Ordering Information

J04: redox Manta unit WITHOUT probe and electrode.