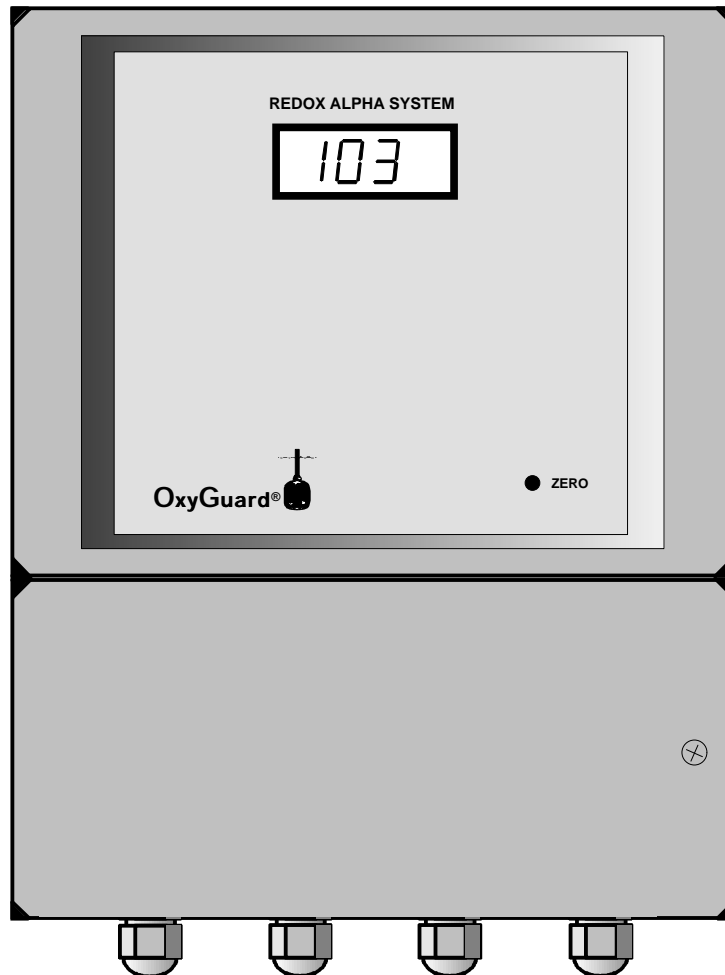


# OxyGuard Redox Alpha

*Single-Channel redox/ORP Measurement System*

## Redox/ORP Measurement System



The OxyGuard Redox Alpha is a single channel redox/ORP measurement system. with 4-20 mA analogue output. The unit is a simple, accurate and very rugged redox measurement unit intended for function as a primary measurement device in industrial or other control and monitoring systems.

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

The OxyGuard Redox Plus is found for users who need a redox measurement system incorporating alarm and control outputs.

# Technical Information

## Technical Advantages

This system is a no-compromise, basic redox measurement system. The unit is built into a solid, waterproof metal cabinet with a clear plastic lid covering the front panel.

The unit is intended as a basic primary measurement device, and as such only has a 4-20 mA analogue output

## Probe

The **OxyGuard Redox Alpha** is designed for use with the range of **OxyGuard Probes**. These are available in immersion, submersion and flow-through versions in different materials to suit many different applications.

## OxyGuard Redox Plus

The Redox Plus is identical to the Redox Alpha except that it has both alarm and control outputs.

## Specifications

Construction	Cast metal enclosure with front panel with display and adjustments. Waterproof to IP65.
Dimensions & weight:	190 x 240 x 100 mm (WxHxD), approximately 3 kg
Supply	230, 110 or 24 VAC, specify on order, 20 VA.
Operating temperature:	-10 to 60°C
Measuring ranges:	0-1000 mV, placed as ordered
Repeatability:	Better than 0.25%
Transmitter non-linearity:	Less than 0.1%
Analogue Output:	4-20 mA, isolated from input. 0-20 mA on request.

## Ordering Information

J05: Redox Alpha WITHOUT probe  
or electrode.

