

Model O2000 R – Rechargeable Oxygen Percentage Monitor

Description

The model “O2000” is a portable oxygen monitor with adjustable high and low alarms.

The unit measures oxygen using a long life electro-chemical sensor.

The sensor output is scaled and displayed on a back-lit LCD display in oxygen percentage with a resolution of 0.1%.

A microcontroller provides simple calibration and alarm settings.

Possible Applications

Checking gas mixes in cylinders.

End of line monitoring in surface supply diving equipment.

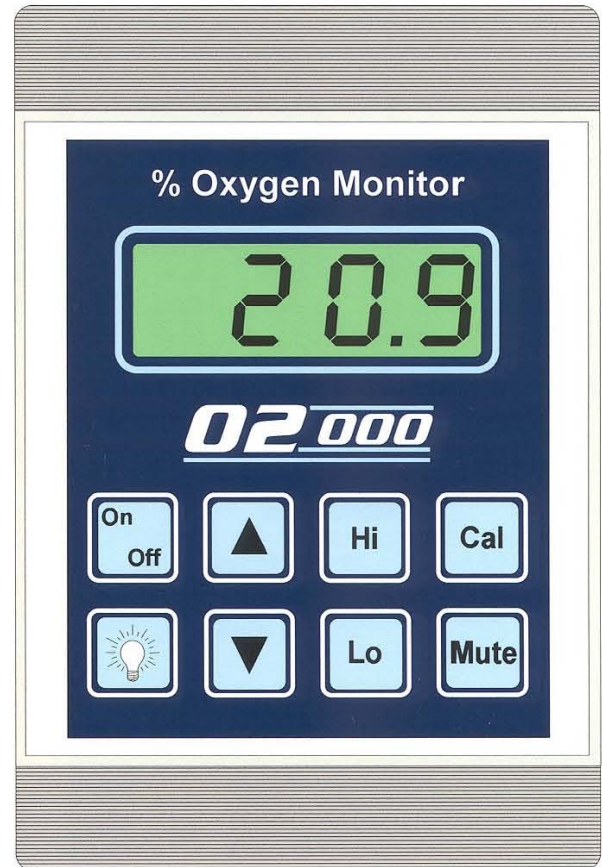
Continuous gas sample monitoring.

Ambient monitoring for oxygen deficiency or enrichment.

Features

Resolution 0.1% oxygen
Accuracy 1%
Fast response temperature compensated sensor.
Simple calibration in air.
Sealed to IP65

High and low audio/visual alarms with 0.1% setting resolution.
Back-light for use in dark conditions.
Uses NiMH rechargeable batteries with no “memory effect”
Low battery Voltage indication.
Can be used hand held or panel mounted using an optional bezel.



Dimensions

Height = 120 mm
Width = 80 mm
Depth = 80 mm
Weight = 570 grams