

Viamed GB300

Low Cost Hand-held Oxygen Analyser



Description

Developed using start-of-the-art design and the latest manufacturing techniques, the microprocessor based GB300 Oxygen Monitor is a basic simple-to-use oxygen monitor specifically designed for medical laboratory use.

It should be noted that the GB300 does not have a fixed low alarm (e.g. to warn of hypoxic oxygen levels) and as such should not be used in general medical applications.

Featuring easy calibration, settings are secured when the lock key is pressed. In addition the low power draw allows the unit to continuously for 2000 hours on just 3 AA alkaline batteries.

Features

- Microprocessor controlled for enhanced performance
- Large easily read backlit LCD display
- Auto calibration
- Battery strength indicator
- Auto diagnostics with fault codes
- Sensor disconnect/failure alarm
- Improved R17MED sensor with flow diverter
- Sensor cable
- Supplied with a stylish IP66 rated hard plastic carry / storage case
- Optional aluminium in-line sample chamber
- On board data-logging facility with 2000 data points.
- No PC required.

The GB300 features the improved R17MED oxygen sensor which provides superior long-term stability and accuracy.

Technical Data:

Analysis Range	0-100% O ₂
Full Scale Accuracy	+/-2% at Const Temp / Pressure
Response Time	90% of Step Change in 8 seconds
Normal Operating Temp	0-50C (Ambient Temperature)
Storage Temperature	-40C to 70C
Power Requirement	3 x AA Alkaline Batteries
Battery Life	Minimum 2000 Hours
Sensor Type	Teledyne Class R17MED
Sensor Life	36 Months in Air
Sensor Cable	Extendible to 3m
Weight	420g
Dimensions	140mm (h) x 88mm (w) x 76mm (d)
Signal Output	0-1 VDC or RS-232 (2400 Baud Rate)
RFI Hardened	Yes
Warranty	GB300: 24 Months
Options	R17MED:12 Months
Compliance	2.5 digit LCD Display
Regulatory Approvals	ISO 7767 CE,CSA and FDA

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