



Model GB300

Percent Portable Oxygen Analyzer

Teledyne's hand-held GB300 Portable Percent Oxygen Analyzer is designed for use in a wide variety of applications from diving to fine tuning boilers.

Lightweight and easy to use, the GB300 incorporates Teledyne's own Micro-fuel Cell sensor for quick and accurate analysis of oxygen. This maintenance-free, sealed, electrochemical cell is specific to oxygen, insensitive to flow rate, and has a 90% response in less than 10 seconds. At the end of its life, the cell is discarded and replaced like a flashlight battery.

Constructed of high impact resistant materials, the GB300 provides unparalleled performance under the harshest

conditions. The unit is powered by 3 AA batteries which should last for at least 2000 hours of use.

FEATURES

- Battery charge indicator
- One key operation (On / Off / Cal)
- Auto diagnostics with error codes to simplify troubleshooting
- Instrument carrying case
- Teledyne's own I-17 sensor
- Sensor interconnection cable
- Barbed hose adapter (P/N CP2368) which allows for connection of 1/4" flexible tubing
- T adapter (P/N A-268)
- Runs on 3 AA batteries

OPTIONAL ITEMS

- Interface cable: 0-1 VDC (P/N B75554)

SPECIFICATIONS

Measuring range:	0-100% oxygen
Accuracy:	±2% of FS at constant temperature and pressure
Response time:	90% of step change in less than 10 seconds
Operating temp:	0 to 40°C
Power:	3 AA alkaline batteries
Battery life:	Minimum 2000 hours
Sensor type:	I-17
Sensor life:	36 months in air
Sensor cable:	Extends to 10 feet (3m)
Weight:	1 lb. (420 gr.)
Dimensions:	5.5" H x 3.5" W x 3" D (139.7 x 88.9 x 76.2 mm)
Signal output:	0-1 VDC
RFI hardened:	Yes
Warranty:	12 months covers defects in material and workmanship; excludes sensor life
Approvals:	CE mark

Built for Reliability and Performance

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