

TELEDYNE ANALYTICAL INSTRUMENTS



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 R-17D sensor
- Sensor interconnection cable
- Barbed hose adapter (P/N F-1717) 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:	10 to 40°C
Power:	3 AA alkaline batteries
Battery life:	Minimum 2000 hours
Sensor type:	R-17D
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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Warranty

Instrument is warranted for 1 year against defects in material or workmanship

NOTE: Specifications and features will vary with application. The above are established and validated during design, but are not to be construed as test criteria for every product. All specifications and features are subject to change without notice.

