Product Specifications

OMD-580
Portable Trace Oxygen Analyzer

Precision Electrochemical Sensor Technology
Large Color Display w/ User Friendly Menu
5 Standard Analysis Ranges
Auto-Ranging or Manual Range Mode
Continuous Analysis During Battery Charging
Data logging via Removable USB Flash Drive

Specifications:

Accuracy: < 1% of Full Scale Range*
Analysis Range: 0-10/100/1000 ppm/1%/25%
Battery Indicator: Integrated into Color Display
Calibration: Periodically
Classification: IP67 / NEMA4X
Data Logging: Removable USB Flash Drive
Dimensions: 8.80 x 7.50 x 3.90 inch
Display: Full Color with Backlight
Enclosure: Rugged Polypropylene
Flow Sensitivity: 0.5 - 5 SCFH
Gas Connections: 1/8” Tube Quick Disconnect
Output (Analog): 0 - 1V DC
Power: Rechargeable Battery
100 - 240 VAC AC Adapter
Pressure: Inlet, 0 - 50 PSIG
Response Time: T90 in 10 Seconds
Sensor: TO2-1x Trace O2 Sensor
Sensor Life: 20 - 25 months
Temperature: 0 - 50 deg C
Temperature Compensation: Integral
Warranty: 12 months
Weight: 4.8 lbs

Applications:

- Glove box or Pipeline Leak Detection
- Air Separation & Liquification
- Headspace Gas Analysis
- Beverage Grade CO2 Monitoring
- Heat Treating & Bright Annealing
- Inert Gas Welding of Exotic Materials

Optional Accessories:
- Optional Ranges: Fully Configured From Factory
- TO2-2x Oxygen Sensor with > 0.5% CO2 Present

Inquiry for Application Expertise

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