The OM0063 CRU-99/B oxygen monitor employs an advanced zirconia oxygen sensor technology. It provides the accuracy and self-test characteristics considered essential to an ideal aircraft oxygen monitor.

The upgraded monitor incorporates several new design features to improve both reliability and maintenance of the product over its entire life cycle. Additional troubleshooting capabilities include post-flight accessibility to operational parameters for analysis via USB port. In the case of bleed air pressure loss, a low oxygen pressure warning allows for additional crew reaction time. The Maintenance Built-In-Test (BIT) improvement provides a consistent, repeatable test that requires no external inputs. When paired with the Cobham OC1169 or OC1172, this monitor can perform a system level M-BIT test which eliminates the need for additional test assets.

Applications

This monitor is designed for use with molecular sieve oxygen generation systems and is aircraft configurable for the AV-8B, F/A-18, and T-45.

Features

- Accuracy - ±10 mmHg partial pressure oxygen
- Low output drift
- Operating life in excess of 15,000 hours without replacement or recalibration of sensing equipment
- No reference gas required
- Rapid warm-up and response
- Improved Built-in-test (BIT) capabilities
- Data logging and USB data retrieving capability
- Aircraft configurable (F/A-18, T-45, and AV-8B)
- Low oxygen pressure warning

Specifications

Weight: <2 lbs (0.91 kg)
Inlet pressure: 18 to 105 psia (124.1 to 723.9 kPa absolute)
Warm-up time: 4 min @ -65F (-53.9C) 3 min @ >-40F (-40C)
Ranges: 20% to 95% oxygen
Partial pressure from 0 to 760 mmHg (An alarm is activated if oxygen partial pressure falls ±10mmHg of preset limit)
Electrical power requirement: 28 VDC, <14 W

CAGE Code 99251
For further information please contact:

Cobham Life Support
2734 Hickory Grove Road
Davenport, IA 52804 USA
Tel: +1 (563) 383 6000
Fax: +1 (563) 383 6323

www.cobham.com/lifesupport