

PORTABLE

OXYGEN ANALYSERS

PPM TO % AGE RANGE



BASED ON LONG LIFE ZIRCONIUM SENSOR

The Model TZ-2006 is a Portable Micro - Controller based Solid State Digital Indicating Oxygen Analyzers operatable both on line power and rechargeable batteries. It is limiting current Zirconium sensor based and requires no calibration in the field. It is available with Integral Sensor (TZ-2006). It provides fast and accurate oxygen analysis over the specified range.



TZ 2006

SPECIAL FEATURES

- LONG LIFE ZIRCONIUM SENSOR
- VERY FAST RESPONSE , NO PURGE TIME
- NO REFERENCE GAS REQUIRED
- HIGH ACCURACY
- WIDE MEASUREMENT RANGE 1 PPM TO 96%
- SIMPLE TO OPERATE
- MAINTENANCE FREE

APPLICATIONS

- HIGH PURITY GAS MANUFACTURING / TESTING
- INERT BLANKING
- STEEL PRODUCTION
- CHEMICAL INDUSTRY
- INVERT GAS WELDING
- METAL PROCESSING
- EXHAUST GAS ANALYSIS
- FOOD PACKING , MEASURING OF RESIDUAL OXYGEN.
- CLIMATE CONTROL , AIR QUALITY MONITORING , OXYGEN MONITORING
- MONITORING VEHICLE EMISSIONS AND POLLUTION CONTROL
- INDUSTRIAL PROCESSES USING LOW OXYGEN ENVIRONMENTS.
- CONTROL OF CRITICAL OXYGEN ATMOSPHERE WHERE HIGH PARTIAL PRESSURES ARE REQUIRED.

SPECIFICATIONS

Principle of Detection	: Limiting Current zirconium Sensor
Range of Measurement	: 0 to 1000 ppm O ₂ -1 0.01 to 1.0 %O ₂ -2 0.01 to 2.0 %O ₂ -3 0.05 to 5.0 %O ₂ -4 0.1 to 25.0 %O ₂ -5 1.0 to 96.0 %O ₂ -6
Indication	: Digital
Response time (T ₉₀)	: < 10 Seconds
Accuracy	: 2% for Range 0-1000ppm, 1% for other Range
Relative Humidity	: 0-99% RH Non- condensing
Position Sensitivity	: None
Housing	: High Impact Plastic
Power	: 220 Volts 50 Hz and/ or 12Volts Rechargeable batteries.
Alarm	: Low Battery
Connection Sample Inlet	: Quick Connect Coupling .6mm OD Tubing
Recommended Sample Flow Rate	: 0.5 to 2
Pressure Dependence	: 150mbar to 800 mbar= 2% of signal /100 mbar 800 mbar to 5 mbar = 0.5 % of measuring signal per bar
Measuring Medium	: Gaseous Atmosphere
warm up time	: approx. 2mm
Maximum Sample Temperature	: 55 deg/c
Analyzer Dimensions	: 235X 198X 95 (mm)
Weight	: 3Kg
Maximum Sample Temperature	: 300 deg/ c
Sensor Life Expectancy	: 3Years
Digital Output	: RS -232
Guarantee	: One year
Model	: TZ -2006 With Integral Sensor

OPERATING INFORMATION

Model TZ- 2006 -1 Oxygen Analyzer with Integral Sensor of Range 0-1000 ppm

OTHER RANGE OF PRODUCTS

**Gas Monitor, Gas Analyser, Transmitters, Humidity Moisture Dew Point Analyser
Dew Point Transmitters, Sampling Systems, UV Flame Detector
Dust Monitor**

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. Due to endee's commitment to research, design and product improvement, specifications are subject to change without notice.