

In-line Gas Analyzer

For Oxygen

Series 61101



Applications

In-line

Dissolved and gaseous applications

Beverage production

Semiconductor and power-steam industries

Pharmaceutical and chemical industries

A high quality instrument for Oxygen process measurements

This process analyzer complements Dextens oxygen sensors. It continuously measures the concentration of oxygen and temperature, and provides trace level concentration measures in liquid and gas phase.

User friendly: the parameters can be set according to the measuring conditions and operating requirements.

Waterproof and ruggedly built, it is an ideal monitoring system for continuous process measurements in harsh conditions and for demanding applications.

User friendly with intuitive software

Waterproof : stainless steel IP65

Key protected



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Dextens

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Benefits

- The instrument is easy to install and can give process measurements in minutes. The LCD screen continuously displays the real time concentration and medium temperature. Concentration displayed units range from 0.01 ppb to 100 ppm dissolved or 1.0 ppm to 100% gaseous
- Access levels are protected by a pin-code to prevent uncontrolled modifications of calibration and settings
- Function keys and menus on screen help to quickly configure the instrument
- System alarms can be configured according to specified concentration levels. Alarm signals are transmitted through analog outputs
- Real time clock
- The calibration process is defined step by step by the software
- Autoranging
- Stainless steel construction: ideal for measurements in harsh conditions

Technical Specifications

Power	85-230VAC, 50/60Hz
Power consumption	Max 20W
Operating conditions	0°C - 45°C
Enclosure	Stainless steel, IP65 / Nema4X
Weight	3.0 kg
Dimensions	230mm x 180mm x 75mm
Displayed data	Temperature, measurement, real time clock, membrane type
Dissolved displayed units	ppm, ppb, mg/l Resolution 0.01 ppb
Gaseous displayed units	%-ppm, kPa Resolution 0.01 ppm
Range O2 dissolved	0.1ppb - 200ppm
Range O2 gaseous	0.5ppm (v/v) – 100%
Membrane models	82952, 82956, 82935
Thermal cut-off	Factory settings + 40°C/140°F, software-adjustable
Calibration	Single point air calibration and direct calibration
Alarm outputs	High/low or high/high-high relays for resistive load - 125VAC / 20 VDC
Digital outputs	RS 232 / RS 485
Sensor options	Oxygen sensor 51101

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