

In-line Gas Analyzer for TC sensors



- User friendly with intuitive software
- Waterproof : stainless steel IP65
- Key protected

User friendly, Waterproof

This process analyzer complements Dextens TC sensors. It continuously measures the concentration of CO₂, N₂ or H₂ and the 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.

Applications

- In-line
- Dissolved and gaseous applications
- Beverage production
- Power -steam industry
- Pharmaceutical and chemical industries

Easy installation and use

- 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 from 0.01 ppb to 100 ppm dissolved or 1.0 ppm to 100% gaseous
- Function keys and menus on screen help to quickly configure the instrument
- Real time clock

Pin-code protected

- Access levels are protected by a pin-code to prevent uncontrolled modifications of calibration and settings

Easy sensor calibration process

- The sensor calibration process is defined step by step by the software

Configuration of Alarms

- System alarms can be configured according to specified concentration levels. Alarm signals are transmitted through analog outputs

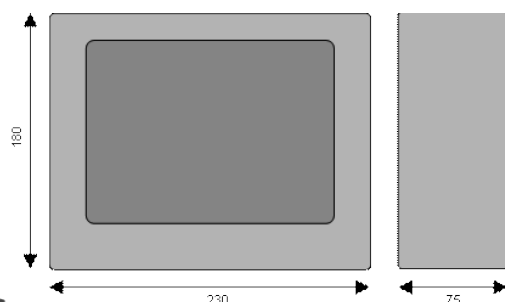
Robust

- Stainless steel construction: ideal for measurements in harsh



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Dimensions



Technical Specifications

Power	85-230VAC, 50/60Hz
Power consumption	Max 20W
Operating conditions	-5°C to 50°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 dissolved	CO2: 0-15g/kg - H2: 0-10 ppm - N2: 0-350 ppm
Range gaseous	CO2: 0-10 bar - H2: 0-12 bar - N2: 0-20 bar
Membrane models	82952, 82956
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
Analog outputs	0-20mA / 4-20mA
Sensor options	CO2 sensor 52401, H2 sensor 52201, N2 sensor 52501



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