

Oxygen analyzers series OXY

Zirconia analyzers **series OXY** combine modern technical solutions with economical aspects. They are designed to measure the continuous oxygen concentration in combustion and other processes - everywhere where measurement of oxygen is indispensable to meet technology and environmental protection requirements. They are available with operation panel mounted separately or directly on the probe.

OXY analyzers determine standards in measurement by Zirconia cell method. Because of the highest measurement quality they are dedicated for combustion processes in large boilers, furnaces and where measured oxygen is used as a reference value in emission monitoring.

Applications:

- Power & heat generation
 - Coal boilers
 - Gas boilers
 - Biomass boilers
 - Heavy oil boilers
- Petrochemical industry
- Iron and steel industry
- Paper manufacture
- Incineration plants

Technical parameters:

Measurement range:	0-25 % O ₂ , adjustable
Accuracy:	+/- 2 % of range
Measuring principle:	Zirconia cell
Work temperature:	up to 600°C
Standard probe lengths:	0.5m, 1.0m, 1.5m, 2.0m
Housing protection:	IP65 or IP66 on demand
Power supply:	85-265 V AC
Display type:	- 4-digits LED - alphanumeric LCD, 16x2
Indications:	- O ₂ concentration - fault - measurement status - exceeded value
Analog outputs:	0-10; 0-20; 2-20; 4-20 mA



Analytics International Ltd. provides equipment and services in area of production, selection and operation of gas analyzers, dust monitors, temperature sensors and integration of continuous emission monitoring systems.



Every additional information and full specifications of offered products are accessible by contact our sales representative or any regional office. We constantly update list of our products so please take into account that the information contained in this brochure may be out of date - to receive the latest offer please contact us.

Accessories for Oxygen Analyzers



Additional calculating module

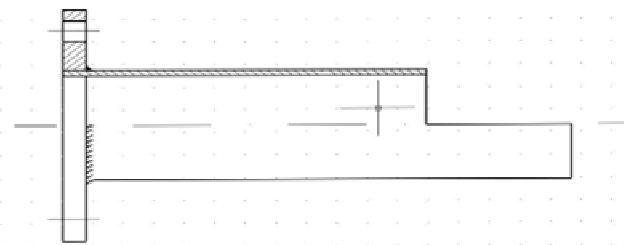
Continuous calculation of combustion parameters such as: excess air factor, efficiency of steam boilers, concentration of CO₂ and temperature of the process readings.



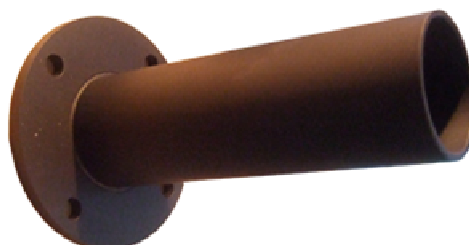
Calibration panel

Very convenient tool for calibration on life gases and connection to reference air.

Process connections for different flanges



Mounting flange on pipe



Protection tube

For heavy dust conditions.



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