

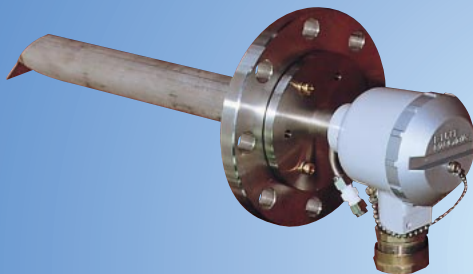
IN-SITU ZIRCONIA OXYGEN ANALYZER

Model : ZRM(Transmitter)
ZFK(Detector)

Model ZRM and ZFK are newly, designed to direct measure the oxygen concentration in flue gas, without any sampling devices. The new analyzer is compact and easy for operation and the most suitable unit to realize energy saving by optimum combustion.

Feature

- Compact & reliable
- Easy operation & maintenance with micro-processor based transmitter
- Adjustable measuring range
- User-friendly man-machine interface
- Low power consumption
- Alarm of fuel rich
- Combustion efficiency display
- CE marking certified



Detector (ZFK)



Transmitter (ZRM)

Specifications

Measuring method	In-situ type Zirconia method
Measuring ranges	0-2.....50, vol% O ₂ (0.5% O ₂ step) adjustable in the field
Repeatability	± 0.5% F.S.
Response time	Within 7 seconds for 90% response
Display	3 digits LED (measured value) and 16 digits × 2 lines LCD (measuring, maintenance and etc.) informations
Output	DC4 to 20mA or 0 to 1V, linear, isolated
Communication interface	RS-485
Calibration	Manual; "One-Touch Calibration", Automatic; Calibration cycle 0 to 90days 60hours adjustable
Power supply	90 to 220 or 230 VAC, 50/60Hz
Power consumption	Normally 65VA (with detector)
Detector blow down	Blow down cycle 0 to 99 hours 60 minutes adjustable
Enclosure	Rain-proof type
Option	Combustion efficiency display
Mass {Weight}	ZRM : approx 3.5kg ZFK : approx 1.6kg (without Flow Guide Tube)

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