



Michell Instruments XZR500 oksijen analizörü, optimum yanma için gerekli fazla havayı belirlemek için ta

Kullanım alanları: Kazanlarda yanma ve verimlilik kontrolü, krematoryum, atık ve endüstriyel yakm

Ürün Özellikleri

- Güvenilir ve tekrarlanabilir ölçümler
- Bakımı kolay, kalibre için basit

- Sağlam tasarım
- Hızlı ve kolay kurulum
- Kullanımı kolay
- Örnek hücre için termal şok şansı yok
- Uzun ömürlü zirkon hücre

Teknik Özellikler

Sensör Tipi

Measurement Principle Zirconium Oxide Sensor with metallic sealed reference and K Type T/C

Performans

Gas requirements

Typical exhaust gas

Measurement Range 0.01 to 25% Oxygen

Accuracy

Better than \pm 2% of reading

Response Time (T90) 20 seconds

Repeatability \pm 0.1%

Fidelity

1% per month

Linearity Better than \pm 1%

Sample Flow Rate Flue Gas at 0.5 m/sec minimum rate

Maximum Sample Pressure

Depending on application

Maximum Sample Temperature 100°C (see probe selection in Wetted Materials)

Cıkışlar

Output Signal One off 0/4-20 mA linear with Galvanic Insulation Output

2nd optional output

Output Load

Over 1000 Ω

Self-diagnostics

Included in readout

Output Ranges	Freely configured between 0.01 to 25%
Alarms	
2 Alarms; user adjustable (10 W)	
1 Fault Alarm	
Display Resolution (0.01% on request)	0.1% in standard
Power Supply	
110 V (100 to 120), 50 - 60 Hz or 220 V (190 to 240) 50 Hz	
Power Consumption	110 VA
Ambient Temperature Range	5 to 40 °C
Sensor Temperature	700 °C
Operating Humidity	
5 to 90% RH without condensation	

Fiziksel

Dimensions	300 x 300 x 200mm (Control) 290 x 135 x 650mm (Sensor)
Weight	10 to 15kg depending on application
Wetted Materials (Maximum temperature)	
304 L Stainless steel (700 °C)	
Inconel 600 (1000 °C)	
HR160 (600 °C to 1000 °C)	
C2000 (600 °C)	
Halar coating (120 °C)	
Ceramic (1300 °C)	
Probe Lengths	0.4, 0.6 and 0.9m
Installation	
Stack and wall mounting	
Housing Ingress Protection	
Weather proof enclosure to sensor: IP53	
Control unit: IP52	