

Oxitec 500E Analisador de Oxigênio Extrativo

Tel.: (21) 3445.8120 E-mail: engezer@engezer.com.br Site: www.engezer.com.br

(21) 97144.1593 🔼

@engezer 🚹





OXITEC® 500E

19" Extractive ZrO, Oxygen Analyser

The OXITEC® 500E SME5 19" frame extractive analyser is designed for the continuous O₂ measurement for example in CEM cabinets.



When supplied complete with a sampling and conditioning system OXITEC $^{\circ}$ 500E SME5 can measure the O₂ content in wet or dry flue gas, wet or dry sample gas or steam down to less than 1 ppm O₂.

The very high absolute accuracy together with the extremely low O_2 detection limit makes the OXITEC® 500E SME5 the very first choice for emission measurement installation, inert gas monitoring, measurement of oxygen traces e.g. in N_2 or water vapour, air fractionation, quality monitoring during food production by means of oxygen trace measurement in CO_2 and many others applications.

ENOTEC

General System Description

The OXITEC® 500E SME5 oxygen analyser is based on the same ZrO, oxygen measuring technology as our well known long-term approved OXITEC® 5000 InSitu oxygen analyser and has a ZrO, oxygen measuring cell inside, a microprocessor unit, a "User friendly" graphical user interface, a 0/4-20mA analogue output for the O measurement value and several digital I/Ointerfaces for status signals and remote controls.



REPRESENTANTE:



Tel.: (21) 2128.5300 Fax: (21) 2128.5330 engezer@engezer.com.br www.engezer.com.br

Technical Data:

Measuring

Measuring principle: ZrO, measuring cell

Detection limit: < 1 ppm

2, user configurable Measuring ranges:

0.00 % (min) to 100.00 % (max) O₂

+/- 0.2% of readings Accuracy:

Response time: < 1 second

Analogue Output

O_a, measured value

Type: 0/4 to 20 mA, active sourcing, DC-isolated

Digital Outputs

Error Status, Maintenance, Measuring

Range, Measuring Limit 1, Measuring Limit 2

Relay Contact Type:

Electrical Data: Max. 24V AC/DC, 1A, resistive load

Digital Input

For: Measuring Range Selection Type: Optocoupler Input, DC-isolated

Electrical data: 0V / 24V DC

Power Supply

Mains voltage: 115 VAC/ 230 VAC +/- 10%

Mains frequency: 50 Hz / 60 Hz 250 VA max. Power consumption:

Instrument Air Supply (Instrument Air Version Only)

Connection: Push-in fitting for 6mm tubes

Quality: ISO 8573-1 class 2 Pressure: 4 to 10 bar Consumption: 40 l/h

Sample Gas Supply/Calibration Gas Supply

Swagelok fitting for 6/10mm tubes Connection: +120°C / +248°F to +300°C / +572°F Temperature:

(wet sample gas)

0°C / +32°F to +300°C /572°F (dry sample or calibration gas)

Flow rate: 60 l/h +/- 5% Sample gas: No combustibles

20,95% O $_2$ +/- 2%, balance: $\rm N_2$ or instrument air 2,1% O $_2$ +/- 2%, balance: $\rm N_2$ Calibration gas 1:

Calibration gas 2:

Ambient condition

Operating temp.: -20°C / -4°F to +55°C / +131°F

(instrument air for reference air) -20°C / -4°F to +40°C /+104°F (internal pump for reference air)

Enclosure

19" 4U Type:

Dimension: 177 x 483 x 400mm (incl. fittings and terminals)

IP20 Protection class:

Weight: Approx.: 12 kg

Approvals

EC-conformity: 89/336/FFC

EMC tested: in accordance with EN50082-2, EN55011 CI.B

TÜV approval: in accordance with 13./17. BlmSchV*

Options

- + Instrument air supply or internal pump for ref. air supply
- + Fieldbus interface: Fieldbus Foundation or HART
- + Communication interface: RS232 or RS485

 TÜV approved in combination with a multi component analyser GASMET CX4000 or comparable

Caso queira adaptar este produto a suas necessidades usando um sistema de condicionamento, uma automação ou formando um produto, contate:

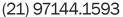
COMERCIAL@ENGEZER.COM.BR

*para mais informações ou preços











@engezer



Engezer Spengezer



sergio.engezer