

# SERVOMEX 4200/4210

## GAS PURITY ANALYSER

is specifically designed to monitor flammable gas samples including "HyCO" or "Syngas" mixtures

- Measures up to four gas streams simultaneously
- Suitable for use with flammable samples <sup>†</sup>
- Easy and quickly configured using intuitive LCD menu
- Low maintenance
- Extremely stable and reliable sensors
- Digital comms: RS232/RS485, Modbus™ protocol



## SPECIFICATION

Gases Measured:	O <sub>2</sub> (control)	CO <sub>2</sub> (%)	CO (%)	CH <sub>4</sub> (%)
<b>PERFORMANCE</b>				
Technology:	Paramagnetic	SBSW Infrared ☼	SBSW Infrared ☼	SBSW Infrared ☼
Max Range:	0-100% O <sub>2</sub>	0.25, 0.5, 1, 2.5, 5, 10, 25, 50, 100% CO <sub>2</sub>	1, 2.5, 10% CO	5, 25, 50, 100% CH <sub>4</sub>
Min Range:	0-5% O <sub>2</sub>			
Intrinsic error (accuracy):	<0.15% O <sub>2</sub>	1% of FS	1% of FS	1% of FS
Zero drift/week:	<0.05% O <sub>2</sub>	<2% of FS	<2% of FS	<2% of FS
Span drift:	<0.1% O <sub>2</sub> /week	<1% of reading/day	<1% of reading/day	<1% of reading/day
Gases Measured:	CO <sub>2</sub> (trace)	CO (trace)	CH <sub>4</sub> (trace)	
<b>PERFORMANCE</b>				
Technology	Gfx Infrared <sup>+</sup>	Gfx Infrared <sup>+</sup>	Gfx Infrared <sup>+</sup>	
Max Range:	0-100ppm(v) CO <sub>2</sub> ●	0-500ppm(v) CO ●	0-500ppm(v) CH <sub>4</sub> ●	
Min Range:	0-5ppm(v) CO <sub>2</sub>	0-10ppm(v) CO	0-10ppm(v) CH <sub>4</sub>	
Intrinsic error (accuracy):	<0.1ppm(v) CO <sub>2</sub> **	<0.5ppm(v) CO **	<0.5ppm(v) CH <sub>4</sub> **	
Zero drift/week:	<0.2ppm(v) CO <sub>2</sub>	<1ppm(v) CO	<1ppm(v) CH <sub>4</sub>	
Span drift/week:	<2% of reading or 0.2ppm(v) CO <sub>2</sub> *	<2% of reading or 1ppm(v) CO *	<2% of reading or 1ppm(v) CH <sub>4</sub> *	

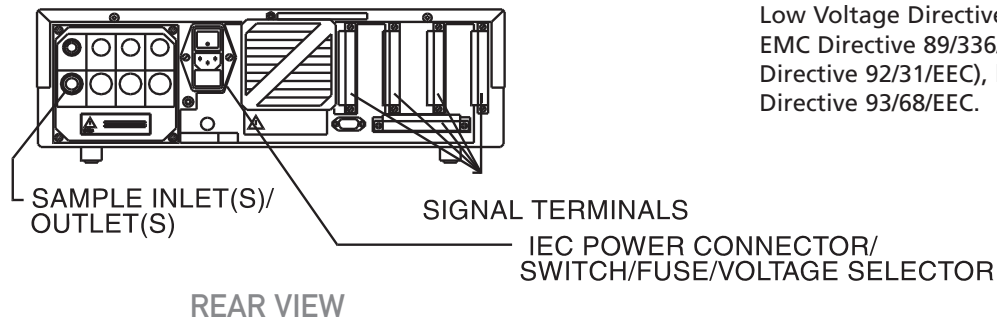
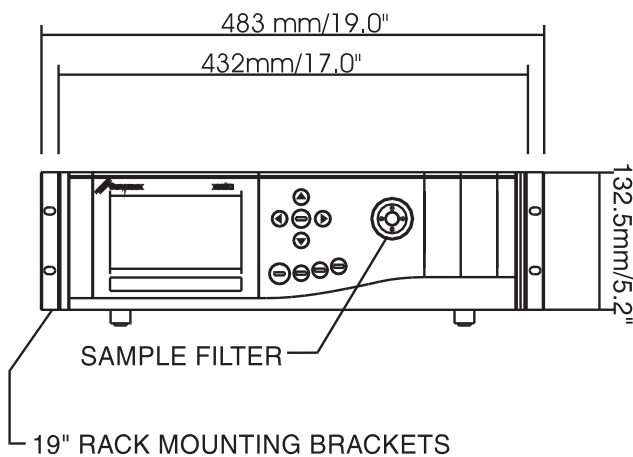
- Higher ranges available, consult Servomex
- + gas filter correlation
- ☼ single beam single wavelength
- \*\* or 1% of reading whichever is greater
- \* whichever is greater

<sup>†</sup> The 4200 is used with general flammable samples (and is fitted with viton tubing). The 4210 is designed for use with samples containing more than 1% hydrogen or 0.5% acetylene. The 4210 has 316SS metal pipework throughout. Both versions should be installed in a freely ventilated non-hazardous area.

Modbus™ is a trademark of AEG-MODICON

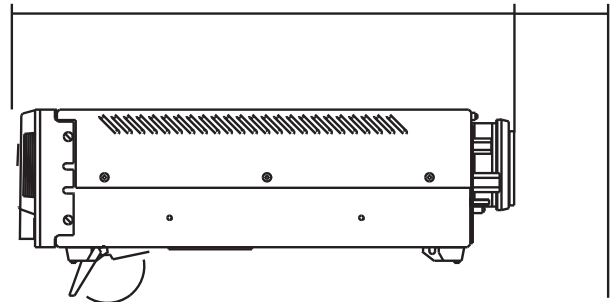
# SERVOMEX

## FRONT VIEW



## SIDE VIEW

Long Chassis: 608mm/23.4"  
Short Chassis: 478 mm/18.8"  
Clearance  
76.2mm/3.0"



## EC DIRECTIVE COMPLIANCE

The 4200 analyser series complies with the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC (as amended by Directive 92/31/EEC), both as amended by Directive 93/68/EEC.

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