XGA301A1

Industrial Gas Analyzer

Feature	Item	Description
Product Parent Code: XGA301A1 **Industrial Gas Analyzer**		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+...+{Feature P}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	XGA301A1	Industrial Gas Analyzer
Feature {B}	**Gas Connections**	
	B1	Front of unit - Nipple
	B4	Rear of unit - Nipple
Note: If gas connections B4 is selected (rear of unit) and a pump is fitted there will be no external pump switch		
Feature {C}	**Internal Tubing Type**	
	C1	FEP inlet, FEP outlet
Feature {D}	**Flow**	
	D1	Internal pump fitted
Feature {E}	**Blank Feature**	
	E0	None fitted
Feature {F}	**Power Lead**	
	F1	UK
	F2	Europe
	F3	USA
	F4	Australia
	F5	China
	F6	Japan
	F7	India
	F8	South Africa
	F9	Israel
Feature {G}	**Sensor Type**	
	G1	O2 - Zirconia
Feature {H}	**Range**	
	H2	0 - 30%
Feature {P}	**Case**	
	P1	Bench mounted
Note 1: The XGA301 is not suitable for use with enriched oxygen.		

Ordering Example

XGA301A1+B1+C1+D1+E0+F1+G1+H2+P1	**Industrial gas analyzer, 6mm Swagelok compression fittings, FEP inlet/FEP outlet sensor, internal pump fitted, UK power lead, O2 - Zirconia sensor; 0-30% range, bench mounted case**

XGA301A2

Industrial Gas Analyzer

Feature	Item	Description
Product Parent Code: XGA301A2 **Industrial Gas Analyzer**		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+...+{Feature J}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	XGA301A2	Industrial Gas Analyzer
Feature {B}	**Gas Connections**	
	B3	Front of unit - Swagelok
Feature {C}	**Internal Tubing Type**	
	C3	SS inlet, FEP Outlet
Feature {D}	**Internal pump**	
	D1	Internal pump fitted
Feature {E}	**Blank Feature**	
	E0	None fitted
Feature {F}	**Power Lead**	
	F1	UK
	F2	Europe
	F3	USA
	F4	Australia
	F5	China
	F6	Japan
	F7	India
	F8	South Africa
	F9	Israel
Feature {G}	**Sensor Type I**	
	G1	O2 - Zirconia
Feature {H}	**Range I**	
	H2	0 - 30%
Feature {I}	**Sensor Type II - for available ranges see the Sensor Matrix**	
	I0	None fitted
	I9	Dew Point
Feature {J}	**Range II**	
	J14	-65°C to +20°C
	J15	-100°C to +20°C
Note: The XGA301 is not suitable for use with enriched oxygen.		

Ordering Example

XGA301A2+B3+C3+D1+E0+F1+G1+H2+I0+J14	Industrial gas analyzer, Front of unit - Swagelok gas connections, SS inlet, FEP outlet, internal pump fitted, UK power lead, O2 - Zirconia sensor with -65°C to +20°C range

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XGA301 Sensor Matrix

Calibrated Range /		1	2	7	8	9
1	0 - 100%			■	■	
2	0 - 30%	■	■	■	■	
4	0 - 10%			■	■	
5	0 - 5%			■	■	
8	0 - 1%			■		
9	0 - 5,000ppm			■	■	
11	0 - 2,000ppm			■		
12	0 - 1,000ppm			■		
13	0 - 500ppm			■		
14	-65°C to +20°C					■
15	-100°C to +20°C					■

	Parameter/Technology		■ Available range
1	O2 – Zirconia		
2	O2 – Electrochemical		
7	CO2 - Infrared		
8	CH4 - Infrared		
9	Dew Point		

Notes:

1) The intrinsic error (accuracy) of the IR sensors is based on the calibrated

2) The Zirconia sensors can be set 0-10ppm up to 0-30% O2 with an accuracy

3) There is only a single gas path inside any XGA301.

4) Flame arrestors are compulsory with percentage levels of CH4, CO, H2,

5) SS inlets are compulsory for dewpoint sensors and

6) Zirconia sensor is not suitable for flammable gas mixtures.

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: XGA301_97489_V7_UK_0221