

<b>MODEL 921</b>	<b>Catalogue No.</b>	9	2	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Currency:</b>	\$ US	<b>Sell Price:</b>	0	<b>Code</b>	u															
<b>Power Requirements</b> (See Note 1)	120 V 47 to 63 Hz 240 V 47 to 63 Hz Other = <input type="text"/>					1														
<b>Area Classification</b>	General Purpose General Purpose with CSA Special Inspection Other = <input type="text"/>					1														
<b>Outputs</b> (See Note 2)	Self Powered 4-20 mA PRICE PER OUTPUT, max of 4 Loop Powered 4-20 mA PRICE PER OUTPUT, max of 4 Voltage Other = <input type="text"/>					1														
<b>Not used. Default is zero.</b>																			0	
<b>Measured Components</b> (See Note 2 & 5)	SO2 SO2/O2 Other = <input type="text"/>					1														
<b>Software</b> (See Note 3 & 5)	Basic SO2 output Temperature & Pressure Compensation (A) Mass Emission (B) Temp & Pres Compensation & Mass Emission (C) Oxygen Compensation (D) Temp & Pres Compensation & Oxygen Compensation (E) Mass Emission & Oxygen Compensation (F)					1														
<b>Option output hardware.</b> (See Note 3 & 5)	Hardware for sample cell Temp & Press Compensation. Other <input type="text"/> None					1														
<b>Oxygen Sensor</b>	Paramagnetic supplied by Factory Customer Supplied O2 Signal Other = <input type="text"/> None					1														
<b>Not used. Default is zero.</b>																			0	
<b>Sample Cell</b> (See Note 4)	Standard Cell White Cell Other = <input type="text"/>					1														
<b>Communications</b>	RS-422/232 Modbus Protocol Other = <input type="text"/> None					1														
<b>Optional Equipment</b>	Other = <input type="text"/> None																			
<b>Manuals/Drawing Sets</b> (See Note 6)	One Manual & One Set of Drawings Specify Quantity--> <input type="text"/> None					1														
<b>Not used. Default is zero.</b>																			0	

## MODEL 921

### NOTES:

- 1 Voltage ranges are as follows:
  - 120 V --> 105 to 132 VAC
  - 240 V --> 209 to 264 VAC
- 2 For loop powered 4-20 mA outputs, customer must supply 15-30 VDC @ 100 mA. **A maximum of four (4) outputs allowed & may be any combination.** Self-powered 4-20 mA outputs can drive up to 1000 ohms. Digital timed outputs (4) for switching power to solenoids & valves. May be used to control autocal solenoids. **PRICED PER OUTPUT MODULE**
- 3 For mass flow calculation option, outputs are flow (Q), mass emission (E) and two (2) others (e.g. SO2, O2, etc.). Temperature and differential pressure transducers can be supplied by AMETEK at additional cost.
- 4 Standard cell is good for:
  - SO2 --> 100 ppm to 0.5%
  - White cell is good for: SO2--> 25 ppm to 0.2%
 For other ranges, consult Engineering.
- 5 Oxygen compensation requires O2 sensor (by AMETEK or customer supplied signal).
- 6 One manual & drawing set included w/ analyzer. Qty shown is total & amount charged is total minus 1.



**MODEL 921 SO2/O2 ANALYZER**

Date: 24-Nov-03  
 Rev: 1g  
 Currency: \$ US

2004 Price Book Cust: ???

Code: u

P/N	Unit Price	Ext Price
921	14,655	14,655
SO2 analyzer (for dry/clean gas streams, 19" rack mounted)		
1	120 V 47 to 63 Hz (See Note 1)	100.1060
2	240 V 47 to 63 Hz (See Note 1)	100.1061
9	Other	0
General Purpose		
1	General Purpose	----
2	General Purpose with CSA Special Inspection Certificate	365
9	Other	0
4-20 mA output (self powered; See Note 2)		
1	4-20 mA output (self powered; See Note 2)	300.2903
2	4-20 mA output (loop powered; See Note 2)	300.2902
3	Voltage	----
9	Other	0
0	Not used. Default is zero.	----
SO2		
1	SO2	----
2	SO2/O2   -> See Note 2 & 5	----
9	Other	0
Basic SO2 output		
1	Basic SO2 output	100.1054
2	Temp & Pres Compensation (A)	100.1055
3	Mass Emission (B)	100.1056
4	Temp & Pres Comp & Mass Emission (C)   -> See Note 3	100.1057
5	Oxygen Compensation (D)   and Note 5	100.1058
6	Temp, Pres and Oxygen Comp (E)	100.1059
7	Mass Emission & Oxygen Comp (F)	100.1062
Hardware for sample cell Temp & Press Comp.		
1	Hardware for sample cell Temp & Press Comp.	100.xxxx
9	Other	0
0	None	----
Oxygen sensor (paramagnetic) by Factory		
1	Oxygen sensor (paramagnetic) by Factory	100.0698
2	Customer supplied O2 signal	100.xxxx
9	Other	0
0	None	----
0	Not used. Default is zero.	----
Standard cell (See Note 4)		
1	Standard cell (See Note 4)	----
2	White cell (See Note 4)	100.xxxx
9	Other	0
RS-422/232 Modbus protocol		
1	RS-422/232 Modbus protocol	100.xxxx
9	Other	0
0	None	----
Other Options		
9	Other Options	0
0	No other options	----
Manual/dwg set (See Note 6)		
1	Manual/dwg set (See Note 6)	903.8100
9	Specify quantity -->	0 903.8100
0	None	----
0	Not used. Default is zero.	----
921	0	0
0	CATALOGUE NUMBER	

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White cell is good for: SO2--> 25 ppm to 0.2%  
For other ranges, consult Engineering.
- Oxygen compensation requires O2 sensor (by AMETEK or customer supplied signal).
- One (1) manual & drawing set included with analyzer. Quantity shown is total & amount charged is total minus 1.