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# DRM Technic

Suppliers of Gas Analysis Equipment



## BA1000 ZIRCONIA OXYGEN ANALYSER

The BA1000 Zirconia Oxygen Analyser has been developed for in-situ applications. The cell is self-controlling and well suited to applications in flue gas or similar matrices.

### FEATURES

**Low Energy Consumption | Temperature Independent | Linear Output Signals 4 - 20 mA | Long Life Error Protected | High Measurement Precision | Independent of Gas Matrix | No Reference/Calibration Gas**

### SPECIFICATIONS

Product No.	BA1000
Warm-up Time	Approx. 5 min.
Measurement Range	0.1 - 25 Vol.% O <sub>2</sub>
Output	4-20 mA
Accuracy	± 2% of full scale value
Sample Temp.	0 °C up to +450 °C
Exhaust Gas Velocity	Up to 10 m/s
Probe Diameter	12 mm
Response Time	Approx. 3 seconds
Operating Ambient Temp.	-10 °C to +50 °C
Storage Temp.	-20 °C to +70 °C
Power Supply	24 V DC
Current	650 mA
Switch-on Current	4.4 A
Distance Analyser / Control Unit	Max. 100 m
Protection Class	IP 54
Weight	ca. 1.1 kg
Material	Stainless Steel / Aluminium (Painted)

### OPTIONS AND ACCESSORIES

PN	Description
<b>Options</b>	
5501398	BA1000 w/ Probe Length = 220 mm
5501399	BA1000 w/ Probe Length = 380 mm
5501499	BA1000 w/ Probe Length - 780 mm
<b>Accessories</b>	
5501599	Wall Mounted Power Supply
5501899	Wall Mounted LED display
55012992	Calibration Display
55012993	1/2" NPT Pipe Fitting for Probe Mounting; PTFE locking ring
55012994	1/2" NPT Pipe Fitting for Probe Mounting; St/St locking ring
55012995	Interconnecting Cable 5m
55012997	Complete pre-filter w/ mounting flange
550129971	Complete pre-filter w/o mounting flange

**For more information, please feel free to contact our sales department (contact details below)**

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