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DRM Technic

Suppliers of Gas Analysis Equipment

BA-6000 PARAMAGNETIC OXYGEN ANALYSER

The BA-6000 Oxygen Gas Analyser is specified for applications involving high levels of vibration. The analyser is impervious to the effects of vibration due to its measurement cell which contains no moving parts. It is also specified for applications involving reactive gas mixtures or where corrosion of a traditional paramagnetic sensor is a concern.



FEATURES

**Quick Response Time | Low long-term drift | Automatic Range Calibration | RS 485 Serial Interface
0/2/4 to 20 mA output | Several standard low ranges available, such as 0.5%, 2.0% or 5.0% O₂**

SPECIFICATIONS

Product No.	BA-6000
No. of Measurement Ranges	4, internally and externally switchable; autoranging is also possible
Measurement Range	0.5/2/5% v/v O ₂ to 100% v/v O ₂
Dimensions	177mm x 483mm x 476mm
Weight	20 kg (approx.)
Power Supply	AC 100 to 120 V, 48 to 63 Hz (related range: 90 V to 132 V) AC 200 to 240 C, 48 to 63 Hz (related range: 180 V to 264 V)
Power Consumption	35 VA (approx.)
Dead Space	8.5 ml
Sample Gas Pressure	0.5 to 1.5 bar for analysers with hose; 0.5 to 3 bar for analysers with piping
Sample Gas Flow	20 to 60 l/h (0.3 to 1 l/min)
Sample Gas Temp.	0 to 50 oC
Sample Gas Humidity	< 90% RH
Warm-up Time	< 30 min at room temperature
Zero Drift	< 0.5%
Repeatability	< 1% of respective measurement ranges
Analog Output	0/2/4 to 20 mA floating, load ≤ 750 Ω
Protection Degree	IP 20 (EN 60529)

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