

## PROVISIONAL SPECIFICATION

### GASCARD TECHNICAL DATA (PROVISIONAL)

Measuring range: 0...1000ppm SO<sub>2</sub>

Repeatability

SPAN: ± 3% of range

ZERO: ± 3% of range

Response time (T<sub>90</sub>): = 3 seconds

Zero Temperature Drift: 0.1% of range SO<sub>2</sub> per °C

Cross Sensitivity: CH<sub>4</sub>: < 100ppm per % vol. CH<sub>4</sub>

#### **Operating conditions**

Operating temperature: 0...+45 °C

Warm-up time: 1 minute (initial), 30 minutes (full specification)

Humidity: cross sensitive to water vapour  
(< 5ppm per % RH @ 25°C at zero)

#### **General**

Output Signal: 4 -20 mA, 0-20mA (linear or non-linear)  
Optional voltage output

Controls Fitted: Zero and Span adjustment potentiometers  
bitswitch selection of various parameter options

#### **Mechanics**

Dimensions : 160 x 100 x 40mm

Weight: 0.3Kg

*This document is subject to continuous development and while every effort has been taken to make sure that the information given is correct, Edinburgh Instruments Limited cannot accept any liability for errors and omissions or their consequences.*