

Series 520 | 525

ANALYTIC G.S.S. TECHNOLOGY



Gas Monitor & Controller

- High accuracy and functionality
- Onboard and PC data logging
- Easy to operate and maintain
- External control and data outputs
- Rapid T90 response
- High and low alarms
- Large LCD display
- Interchangeable sensor heads
- Temperature and RH sensor (Series 525)
- Tamperproof and water resistant enclosure



Specifications

Measurement units	ppm or mg/m ³
Reading functions	Minimum Maximum Average 15-min
Sensor head	Removable Replaceable
Onboard alarm	Low Alarm High Alarm Mute (configurable)
Display type	LCD
Display status indicators	Alarm Battery Sensor Standby
External signal functions	Low Alarm High Alarm Control (150 mA max)
Temperature and Humidity sensor	Available on Series 525
Analog output	0-5 VDC
Digital interface	Serial RS232
Data logging capacity	4,300 data points (3,400 for Series 525)
PC data logging	Software and data cable supplied
Clock function	Real time
Rechargeable battery - UPS	Ni-MH 9.6 VDC 2100 mA/h
Permanently fixed	Screw fix
Operating temperature range	-35°C to 120°C
Enclosure rating	IP41 and NEMA 2 equivalent
Enclosure size	180W x 252H x 90D (mm); 7 ¹ / ₈ W x 9 ⁷ / ₈ H x 3 ¹ / ₂ D (in)
Enclosure casing	Fibre reinforced polycarbonate
Approvals	Part 15 of FCC Rules EN 50082-1: 1997 EN 50081-1: 1992



Available Sensors

Gas Sensors - for a full listing of compatible gas sensors, contact Aeroqual or visit our website

Temperature & Humidity Sensors - (Series 525 only)

	Accuracy	Resolution	Range
Temperature	± 0.3 [K] @ 25°C	0.04 min.	-40°C - 124°C; -40°F - 255°F
Humidity	±1.8% RH	0.4 min.	0 - 100% RH