

### Portable Gas Analyzer & Controller

- High accuracy & functionality
- Onboard & PC data logging
- Easy to operate & maintain
- Portable battery operation
- External control outputs
- Rapid T90 response
- High & low alarms
- Remote sensor capability
- Interchangeable sensor heads
- Temperature & RH sensor (Series 505)



## Specifications

Measurement units	ppm or mg/m <sup>3</sup>
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 & Humidity sensor	Available on Series 505
Analog output	0-5 VDC
Digital interface	Serial RS232
Data logging capacity	4,300 data points (3,400 for Series 505)
PC data logging	Software & data cable supplied
Clock function	Real time
Power supply	12 VDC (power adaptor/charger supplied)
Rechargeable battery	Ni-MH 9.6 VDC   2100 mA/h
Enclosure material / rating	PC & ABS   IP20 & NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 (mm); 7 7/8 x 4 7/8 x 2 1/8 (in)
Weight (with sensor head & battery)	< 460 g; < 16 oz
Accessories	R10 remote kit   R31 spare battery   R32 cigarette lighter adaptor   R33 wall bracket   R40 carry case   R52 USB to serial adaptor
Approvals	Part 15 of FCC Rules EN 50082-1: 1997 EN 50081-1: 1992



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

**Temperature & Humidity Sensors** - (Series 325 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