

# Series 300

## Portable Gas Monitor

- High accuracy and functionality
- Easy to operate and maintain
- Portable battery operation
- External control outputs
- Rapid T90 response
- High and low alarms
- Remote sensor capability
- Interchangeable sensor heads
- Temperature and RH sensor (Series 305)



### Specifications

Measurement units	ppm or mg/m <sup>3</sup>
Reading functions	Minimum, maximum, average, 15-minute
Sensor head	Interchangeable, replaceable, refurbish-able
Display type	LCD
Alarm features	Low alarm, high alarm, mute (configurable)
Display status indicators	Alarm, battery, sensor, standby
External signal functions	Low alarm, high Alarm, control (150mA max)
Sensor calibration features	Zero calibration
Analog output	0-5V
Power supply	12V DC (power adaptor/charger supplied 100-250V AC)
Rechargeable battery	Ni-MH 9.6V DC   2100mA/h
Enclosure material and rating	PC and ABS; IP20 and NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 (mm); 7 <sup>7</sup> / <sub>8</sub> x 4 <sup>3</sup> / <sub>4</sub> x 2 <sup>1</sup> / <sub>8</sub> (in)
Weight (with sensor head and battery)	< 460 g; < 16 oz
Optional accessories	R10 remote sensor kit, R31 spare battery, R32 car adaptor, R33 wall bracket, R40 carry case
Temperature & Humidity sensor (Series 305)	Range -40 °C to 124 °C (-40 °F to 255 °F); Range 0 to 100% RH
Approvals	Part 15 of FCC Rules EN 50082-1: 1997 EN 50081-1: 1992



### Sensor Heads and Accessories



Sensor heads are available for these gases:

- Ammonia (NH<sub>3</sub>)**
- Carbon dioxide (CO<sub>2</sub>)**
- Carbon monoxide (CO)**
- Hydrogen (H<sub>2</sub>)**
- Hydrogen sulphide (H<sub>2</sub>S)**
- Methane (CH<sub>4</sub>)**
- Nitrogen dioxide (NO<sub>2</sub>)**
- Non methane hydrocarbon (NMHC)**
- Ozone (O<sub>3</sub>)**
- Perchloroethylene**
- Sulphur dioxide (SO<sub>2</sub>)**
- Volatile organic compounds (VOC)**

See *Sensor Specifications* datasheet for details