

Series 500

Portable Gas Monitor

- High accuracy and functionality
- Onboard and PC data logging
- 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 505)



Specifications

Display type; Measurement units

Reading functions

Sensor head

Alarm features

Display status indicators

External signal functions

Sensor calibration features

Analog output

Digital interface

Data logging capacity

PC data logging

Clock function

Power supply

Rechargeable battery

Enclosure material and rating

Size (with sensor head)

Weight (with sensor head and battery)

Optional accessories

Temperature & Humidity sensor (Series 505)

Approvals

LCD; ppm or mg/m³

Minimum, maximum, average, 15-minute

Interchangeable, replaceable, refurbish-able

Low alarm, high alarm, mute (configurable)

Alarm, battery, sensor, standby

Low alarm, high Alarm, control (150mA max)

Zero calibration

0-5V

Serial RS232

4,300 data points (3,400 for Series 505)

Software and data cable supplied

Real time

12V DC (power adaptor/charger supplied 100-250V AC)

Ni-MH 9.6V DC | 2100mA/h

PC and ABS; IP20 and NEMA 1 equivalent

195 x 122 x 54 (mm); 7 7/8 x 4 3/4 x 2 1/8 (in)

< 460 g; < 16 oz

R10 remote sensor kit, R31 spare battery, R32 car adaptor, R33 wall bracket, R40 carry case

Range -40 °C to 124 °C (-40 °F to 255 °F); Range 0 to 100% RH

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 (NH₃)

Carbon dioxide (CO₂)

Carbon monoxide (CO)

Hydrogen (H₂)

Hydrogen sulphide (H₂S)

Methane (CH₄)

Nitrogen dioxide (NO₂)

Non methane hydrocarbon (NMHC)

Ozone (O₃)

Perchloroethylene

Sulphur dioxide (SO₂)

Volatile organic compounds (VOC)

See *Sensor Specifications* datasheet for details

CONTACT INFORMATION

GasTech Australia Pty Ltd
24 Baretta Rd
Wangara Western Australia 6065
Tel 1800 999 902
Fax 1800 999 903
<http://www.gastech.com.au>