



PS 200

Features

- Interchangeable gas sensor heads
- Digital LCD display
- Min., max. and average readings
- Field-replaceable battery
- Power adaptor/charger included
- Remote sensor capability
- Lithium battery optional
- Temperature and RH sensor optional (plug-and-play)

Technical Data

Display type	LCD
Measurement units	Gas: ppm or mg/m ³ Humidity: % Temperature °C or °F
Reading functions	Instant, minimum, maximum, average
Sensor head	Interchangeable, replaceable, refurbishable
Display status indicators	Battery, sensor, standby
Sensor calibration features	Zero calibration.
Power supply	12Vdc (power adaptor/charger supplied 100-250Vac)
Rechargeable battery	Lithium polymer 12Vdc 2700mA/h (2 hr charge time / 8 hr run time)
Enclosure material and rating	PC and ABS; IP20 and NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 (mm); 7 ⁷ / ₈ x 4 ³ / ₄ x 2 ¹ / ₈ (in)
Weight (with sensor head and battery)	< 460 g; < 16 oz
Environmental operating conditions	Temperature: -5°C to 45°C Humidity: 0 to 95% r.H non- condensating
Optional accessories	Remote sensor kit, spare battery, car adaptor, wall bracket, carry case
Temperature & Humidity sensor	Range -40°C to 124°C (-40°F to 255°F); Range 0 to 100% r.H
Approvals	Part 15 of FCC Rules; EN 50082-1: 1997; EN 50081-1: 1992

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)
- Sulphur dioxide (SO₂)
- Volatile organic compounds (VOC)
- Multi-sensor head: VOC / CO / CO₂ or CO / CO₂

Application

The PS 200 monitor is a monitor that can be used to accurately measure multiple target gases at different concentrations in indoor and outdoor applications.

The unique system of interchangeable sensor heads means one monitor can measure many gases, and servicing is as simple as swapping one sensor head for another.

Ordering Codes

PS 200 Portable Monitor

See p. 2 for accessories



Accessories



Carry Case - Large



Carry Case - Small



Wall Bracket



IP 41 Remote Sensor Kit



Remote Sensor Kit



Industrial Enclosure



Lithium Battery Pack



Cigarette Light Adapter



Temp./Humidity Sensor



Calibration Kit

Ordering Codes - Accessories

R 42	Calibration Kit
AS R10	Remote Sensor Kit
AS R13	IP 41 Remote Sensor Kit
R 41	Carry Case - Large
R 40	Carry Case - Small
R 33	Wall Bracket
R 36	Lithium Battery Pack
R32	Cigarette Light Adapter
TR4	Temperature/ Humidity Sensor
ENC	Industrial Enclosure

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