CE

PS 300

Features

- **Interchangeable gas sensor heads**
- **High/low alarms**
- **External control outputs**
- **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
Alarm features	Low alarm, high alarm, mute (configurable)
Display status indicators	Alarm, battery, sensor, standby
External signal functions	High/low alarm control (max. 150mA)
Sensor calibration features	Zero/span calibration.
Analog output	0 - 5Vdc
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); 7⅝ x 4¾ x 2⅛ (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 (NH_3)
- Carbon dioxide (CO_2)
- Carbon monoxide (CO)
- Hydrogen (H_2)
- Hydrogen sulphide (H_2S)
- Methane (CH_4)
- Nitrogen dioxide (NO_2)
- Non methane hydrocarbon (NMHC)
- Ozone (O_3)
- Sulphur dioxide (SO_2)
- Volatile organic compounds (VOC)
- Multi-sensor head: VOC / CO / CO_2 or CO / CO_2

Application

The PS 300 is a versatile monitor with the ability to accurately measure multiple target gases at different concentrations in indoor and outdoor applications.

It can control outputs and with built-in high and low alarms the PS 300 can function in both fixed and portable mode, offering users maximum flexibility.

Ordering Codes

PS 300   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

Code	Description
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