

**PS200** Series

## Gas detection just got personal



- Simple 1-button operation
- Measures up to 4 gases (LEL/O2/CO/H2S)
- Audible, visual and vibrating alarms
- Fully certified
- Internal pump (optional)
- Lightweight
- Sensor integrity checking
- Robust construction
- Ease of maintenance



## Auto Bump / Calibration Station

- Simple user interface
- Full bump, calibration and charging options
- Bump/calibration results storage
- Stand-alone, PC or ethernet options
- Robust construction



[www.gmiuk.com](http://www.gmiuk.com)  
[www.gmiusa.com](http://www.gmiusa.com)

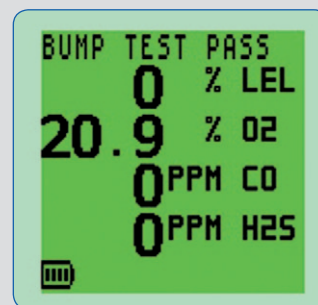
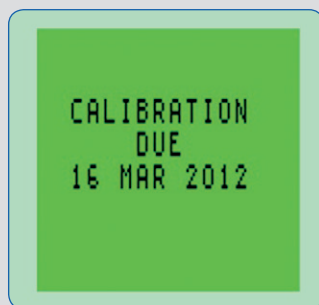
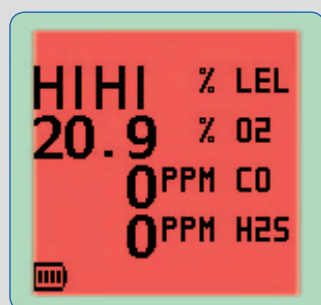
**GMI**  
Gas Measurement Instruments Ltd

## Detection, Protection, Innovation

**GMI. CONFIDENCE WHERE SAFETY IS CRITICAL.** Gas Measurement Instruments designs, manufactures and markets a wide range of the highest quality proven personal portable and fixed gas monitoring systems. GMI is an international brand with a worldwide network of distributors and dedicated service centres ensuring fast and effective turnaround on instrument calibration and repair. Our uncompromising engineering excellence, established in over half a century of leadership, enables us to meet the exacting demands of industries where safety is critical. By building and maintaining strong relationships with our customers, GMI understands the unique challenges of the diverse markets we serve. Today, our proud heritage of pioneering gas leak monitors and detectors is shaping the future of GMI.

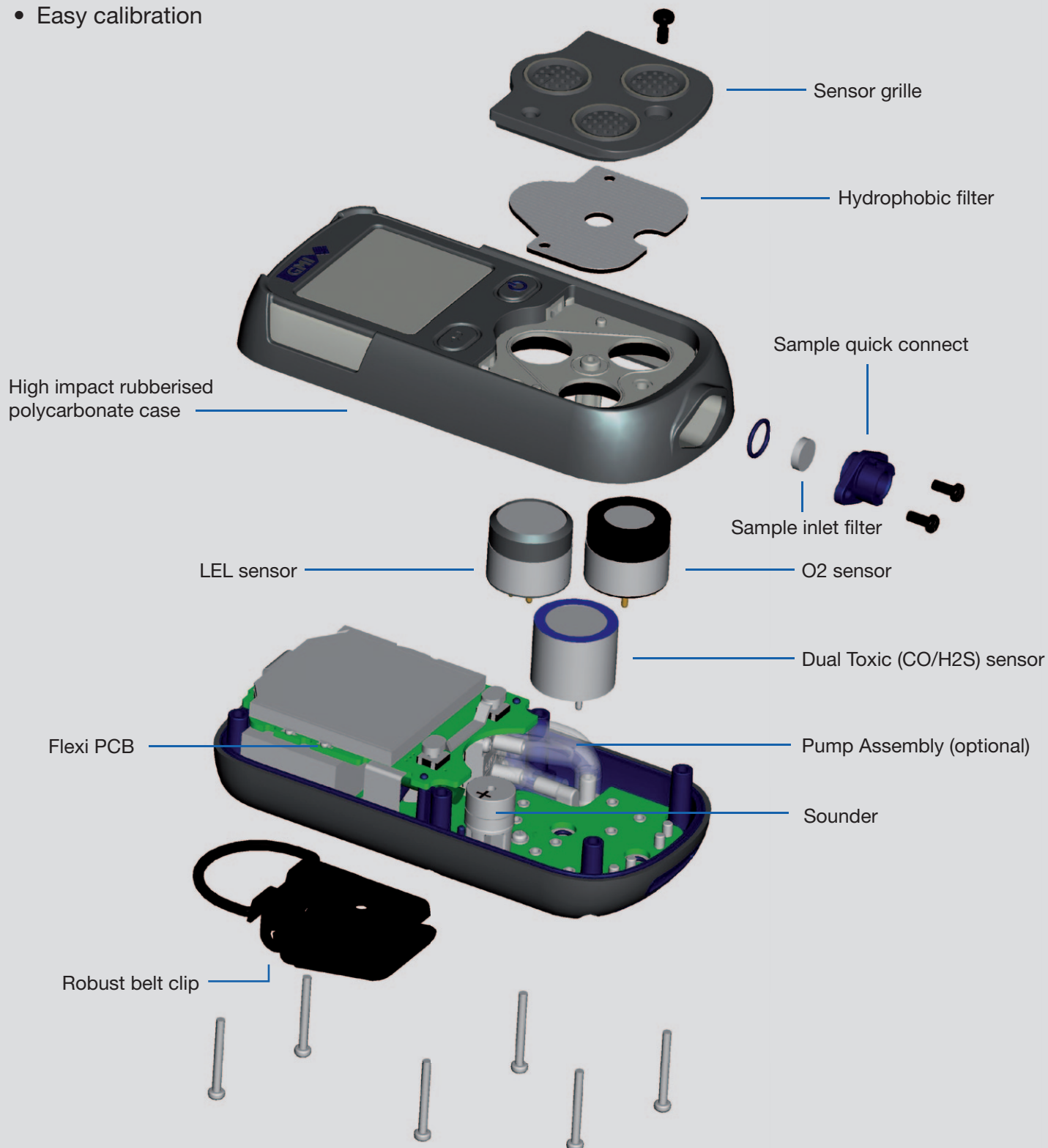
# PS200 Series

## Features







## Simple User Maintenance

- Quick access to filters and sensors
- No special tools required
- Modular construction
- Easy calibration





## TECHNICAL SPECIFICATION

<b>Size:</b>	121 x 59 x 32mm (4.8 x 2.3 x 1.3in)
<b>Weight (with pump):</b>	230g (8oz)
<b>Weight (without pump):</b>	215g (7.6oz)
<b>Temperature:</b>	-20°C to +50°C (-4°F to 122°F)
<b>Humidity:</b>	0 to 95% R.H non-condensing
<b>Alarms:</b>	Highly visible flashing LED, piercing 95dB audible
<b>Display:</b>	Green and red LCD backlit display
<b>Datalogging:</b>	As standard
<b>Battery:</b>	Lithium Ion rechargeable battery Run Time > 14 hrs (> 8 hrs pumped) Charging Time < 4 hrs
<b>Enclosure:</b>	High impact rubberized polycarbonate case
<b>Drop Test:</b>	3m (10ft)
<b>IP Rating:</b>	IP67
<b>Approvals:</b>	IEC Ex ia d IIC T4 Gb ATEX Ex II 2 G Ex ia d IIC T4   UL913 Class 1 Div 1 Groups A,B,C,D*  CSA Class 1 Groups A,B,C,D*  MED* <span style="float: right;">*pending</span> CE
<b>Warranty:</b>	2 years as standard

## SENSOR SPECIFICATIONS

GAS	RANGES	INCREMENTS	SENSOR TYPE	✓
LEL	0-100% LEL	1% LEL	Pellistor	
O2	0-25%	0.1%	Electrochemical	
CO	0-1000ppm	1ppm	Electrochemical	
H2S	0-100ppm	1ppm	Electrochemical	

Up to 4 gases can be selected. Please use tick box to select required gases.

## AUTO BUMP /CALIBRATION STATION TECHNICAL SPECIFICATION

<b>Size:</b>	200 x 140 x 135mm (7.9 x 5.5 x 5.3in)
<b>Weight:</b>	1.2kg (43oz)
<b>Interfaces:</b>	Standalone /USB /Ethernet
<b>LED Indicators:</b>	Power (Green) /Testing (Yellow) /Pass (Green) /Fail (Red)
<b>Testing Time:</b>	Bump Test 60 secs Calibration Test 90 secs
<b>Data Storage:</b>	>6000 Bump /Calibration results
<b>Power Supply:</b>	12V dc, 2A
<b>Charging Time:</b>	Will charge instrument in <4 hrs
<b>Operating Temperature:</b>	-10°C to 40°C (14°F to 104°F) Contact GMI for other combinations
<b>IP Rating:</b>	IP20
<b>Gas Ports:</b>	3 (Air, Combi Gas & Exhaust) Contact GMI for other combinations

## RECOMMENDED SPARE PARTS

<b>64254</b>	Hydrophobic Filter
<b>64084</b>	Sample Inlet Filter
<b>64825</b>	LEL sensor
<b>64066</b>	O2 sensor
<b>64067</b>	Dual Toxic CO/H2S Sensor
<b>64176</b>	CO sensor
<b>64128</b>	H2S sensor
<b>64255</b>	Pump Assembly

## ORDERING INFORMATION AND ACCESSORIES

<b>Accessories supplied with the instrument</b>	
<b>64260</b>	Instrument Charging / Comms Clip
<b>64247</b>	Universal Charging Adaptor (Mains – USB)
<b>64171</b>	User Handbook (CD-ROM)
<b>64172</b>	Quick Operating Instructions
<b>66136</b>	3m. Tubing c/w Quick Connect (pumped only)
<b>Additional accessories available for the instrument</b>	
<b>64303</b>	Rubber Boot
<b>64100</b>	Plastic Carrying Case (Instrument + Accessories)
<b>64102</b>	CalGas Carrying Case (Capacity: - 2 Cylinders)
<b>66123</b>	Hand Aspirator
<b>66478</b>	Hand Aspirator (c/w 3.0 metres Tygon Tubing)
<b>66112</b>	Sample Line Extender
<b>66136</b>	Sample Line Connector (c/w 3.0 metres Tygon Tubing)
<b>66485</b>	In-Line Hydrophobic Filter Assy
<b>66545</b>	Ball Float
<b>Charging Accessories</b>	
<b>64248</b>	In-Vehicle Charging Adaptor (12V – USB)
<b>Automatic Bump/Calibration</b>	
<b>64122</b>	Auto Bump/Calibration Station (6mm. fittings & incl. PSU/USB/Software)
<b>64122Q</b>	Auto Bump/Calibration Station (1/4 in. fittings & incl. PSU/USB/Software)
<b>Manual Bump/Field Calibration Kit</b>	
<b>64121</b>	Manual Bump Kit (no power required) (c/w Combi Test Gas 99146, Direct Flow Regulator, tubing & sample line connector)
<b>Gas Kits for Auto Bump / Calibration Station</b>	
<b>99146</b>	Combi Test Gas (2.5% CH4, 500ppm CO, 50ppm H2S, 18% O2, balance N2)
<b>64133</b>	Auto Bump /Calibration Gas Kit (Combi Test Gas 99146, Demand Flow Regulator c/w 6mm tubing)
<b>64133Q</b>	Auto Bump /Calibration Gas Kit (Combi Test Gas 99146, Demand Flow Regulator c/w 1/4" tubing)
<b>Software</b>	
<b>64500</b>	Datalogging
<b>Documentation</b>	
<b>64171</b>	User Handbook (CD-ROM)
<b>64172</b>	Quick Operating Instructions
<b>64182</b>	Configuration & Field Calibration Handbook (CD-ROM)



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Your Solution To Testing Instrument

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