

PS200 Series

Automatic Bump Testing and Calibration

To complement the Personal Surveyor product line, GMI has developed a compact, robust and easy to use Auto Bump & Calibration Station that can provide full bump and calibration options. Data transfer is facilitated using a USB memory stick with Standalone software that is simple to set up and customise based on end users' specifications. Standalone, PC, and ethernet versions are available.

Standalone

By adding the Auto Bump & Calibration Station to your PS200 package, data can be easily retrieved using specific software in a user-friendly time logged format. This gives you the ability to create and print your personalized calibration certificate.

PC

Allows easy configuration (bump test or calibration) of Auto Bump & Calibration Station and allows all results to be automatically stored to a database on the PC. The stored results can be easily viewed and calibration certificates produced. The history of all results can be easily viewed and reports of instruments can be easily compiled.



Ethernet

Same as PC except multiple units can be connected to a network allowing one PC to control and receive data.

Datalogging

Datalogging is a standard feature of all PS200 Series instruments and the internal memory can hold up to 180 bump test and session logs, 8 calibration logs and 24hrs of timed logs at 1 log per minute.

Simple data extraction from instrument to PC using USB cable supplied. Upgrade your package to include PC datalogging software.

AUTO BUMP & CALIBRATION STATION TECHNICAL SPECIFICATION

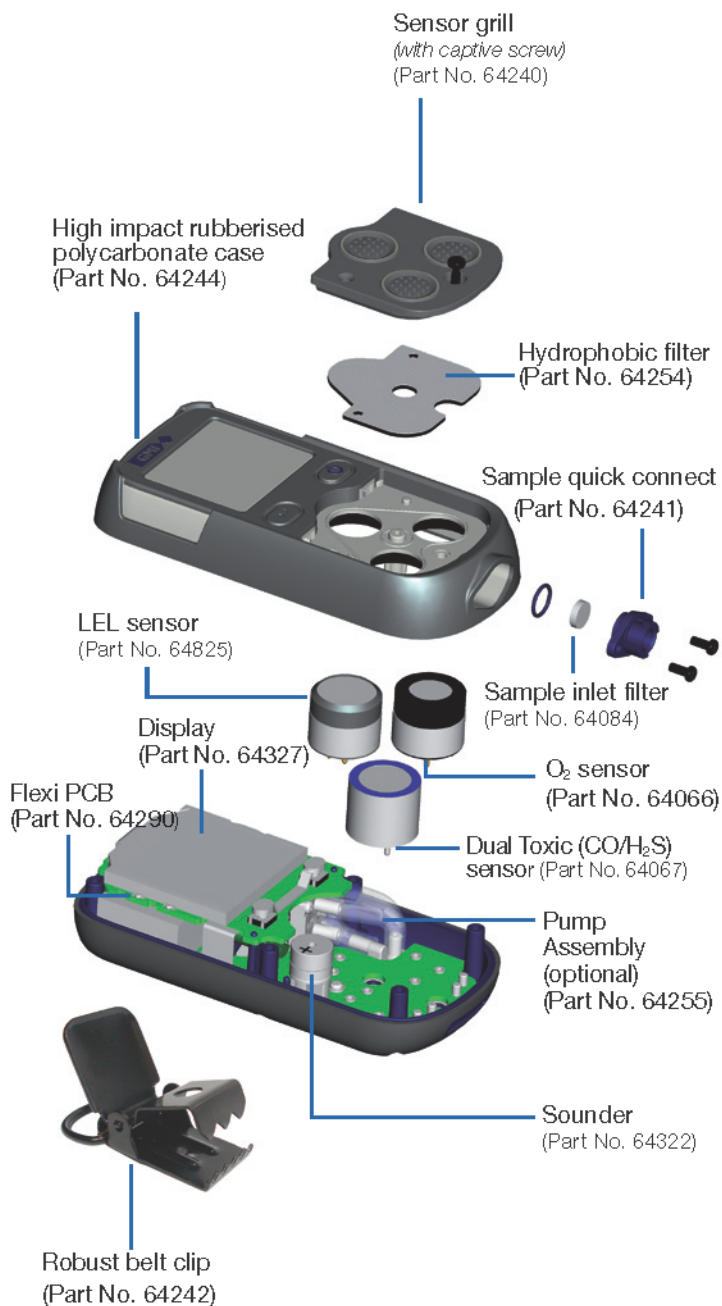
Size:	7.9" x 5.5" x 5.3" (200 x 140 x 135mm)
Weight:	43oz (1.2kg)
Interfaces:	Standalone /USB /Ethernet
LED Indicators:	Power (Green) / Testing (Yellow) / Pass (Green) / Fail (Red)
Testing Time:	Bump Test 60 secs Calibration Test 90 secs
Data Storage:	>6000 Bump & Calibration results
Power Supply:	12V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

SENSOR SPECIFICATIONS

GAS	RANGE	INCREMENTS	SENSOR TYPE
LEL	0-100% LEL	1% LEL	Catalytic Bead
O ₂	0-25%	0.1%	Electrochemical
CO	0-1000 ppm	1 ppm	Electrochemical
H ₂ S	0-100 ppm	1 ppm	Electrochemical

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Simple User Maintenance



ORDERING INFORMATION AND ACCESSORIES

Accessories supplied with the instrument

64260	USB Charging / Comms Cable
64247	Universal Power Plug (Mains – USB)
64190	User CD-ROM (Incl. Handbook)
64172	Quick Operating Instructions
64118	3m. PVC sample line with Quick Connector (pumped only)

RECOMMENDED SPARE PARTS

64254	Hydrophobic Filter
64084	Sample Inlet Filter
64825C	LEL sensor
64066	O ₂ sensor
64067	Dual Toxic CO/H ₂ S Sensor
64176	CO sensor
64128	H ₂ S sensor
64255	Pump Assembly

ADDITIONAL ACCESSORIES

64303	Rubber Boot (Color options:- black, grey, yellow, red, orange, blue, green)
66123	Hand Aspirator
66478	Hand Aspirator (c/w 10 ft. tubing)
66112	Sample Line Extender
66485	In-Line Hydrophobic Filter Assy
66545	Ball Float
64100	Rugged Carry Case
Charging Accessories	
64248	In-Vehicle Charging Adaptor (12V/24V – USB)
64138	5 Way Multi-Charger
Automatic Bump & Calibration	
64052	Auto Bump & Calibration Station (6mm. fittings & incl. PSU and USB stick with Standalone software)
64052Q	Auto Bump & Calibration Station (1/4 in. fittings & incl. PSU and USB stick with Standalone software)
99553	flexiCal Plus software for PC
99118	Demand Flow Regulator
64265	Tubing with 6mm Push Fit Connector
Manual Bump & Field Calibration Kit	
64051	Manual Bump Kit (no power required) (c/w Combi Test Gas 99146, Direct Flow Regulator, tubing & sample line connector)
Gas Kits for Auto Bump & Calibration Station	
99146	Combi Test Gas Cylinder (2.5% CH ₄ , 500ppm CO, 50ppm H ₂ S, 18% O ₂ , balance N ₂)
64060	Test Gas Kit (6mm fittings) (Combi Test Gas 99146, Demand Flow Regulator 99118 c/w 6mm tubing)
64060Q	Test Gas Kit (1/4 in Fittings) (Combi Test Gas 99146, Demand Flow Regulator part no. 99118 c/w 1/4" tubing)
Software	
64197	Data downloading CD-ROM (c/w Handbook)
64184	Auto Bump & Calibration Station USB Flash Drive (c/w Handbook)
Documentation	
64193	Configuration & Field Calibration Handbook (CD-ROM)

Heath Consultants Incorporated operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.



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