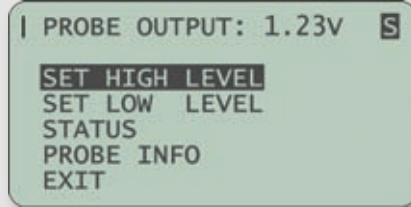




Key Features

- Simple Sensor Calibration
- 'On Car' Calibration Ability
- Fully Calibrate a Sensor Within 30 secs
- Real-Time Monitoring of Sensor Performance
- Sensor Powered by Service Unit - No Need for Separate Power Supply



The portable Sensor Service Unit is light and compact and useable with any Gill liquid level sensor. The minimum and maximum liquid level is set using the simple user interface provided via the graphical LCD display and push buttons. The sensor will then be calibrated to provide a highly accurate linear analogue output between these points. The liquid level voltage can also be displayed in real time enabling the user to easily check the settings are correct. Power is provided to the sensor when connected to the Service Unit, increasing the ease of calibration as no separate power supply is required. To conserve battery life, an automatic 'power down' feature has been incorporated into the unit.



Specification

General

Screen	Graphical LCD 50 x 25 mm
Power Source	PP3 9V Battery
Rubber Ergonomic Grip	Yes
Power Saving Function	Yes
Auto Power-On	Yes

Compatible Sensors

Compatible Sensors	<p>M-Series Liquid Level Sensors (Petroleum, Oil, BioFuel, Water)</p> <p>R-Series Liquid Level Sensors (Petroleum, Oil, BioFuel, Water)</p>
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Wiring

Connector	9-Way D-Type
Options	Wiring loom with connectors

Mechanical

Dimensions	120 x 80 x 25 mm (DxWxL)
Weight	180g

Environmental

Protection Class	IP54
Operational Temperature	0°C to +70°C
Impact Resistance	IK06
Vibration	15g RMS (24-2000Hz) & SAE J1455 design guidelines used



Functions

Gill Sensor Service Units give the user complete control over their Liquid Level Sensor, both on and off the car.

- Set maximum liquid level
- Set minimum liquid level
- Monitor the sensor analogue output (real-time)



Wiring

	Red	+4.8VDC to +30VDC Supply	D-Type Pin 1
	Black	System & Power Ground (GND)	D-Type Pin 5
	Green	Serial Comms Input (Rx), RS232 Compatible	D-Type Pin 2
	White	Serial Comms Output (Tx), RS232 Compatible	D-Type Pin 3
	Orange	Analogue Output: Voltage or PWM	D-Type Pin 8



Optional Connector



Dimensions

