Omitec
Modular Integrated Diagnostics

OmiScan Gas

The High Performance Portable Diagnostic Gas Station

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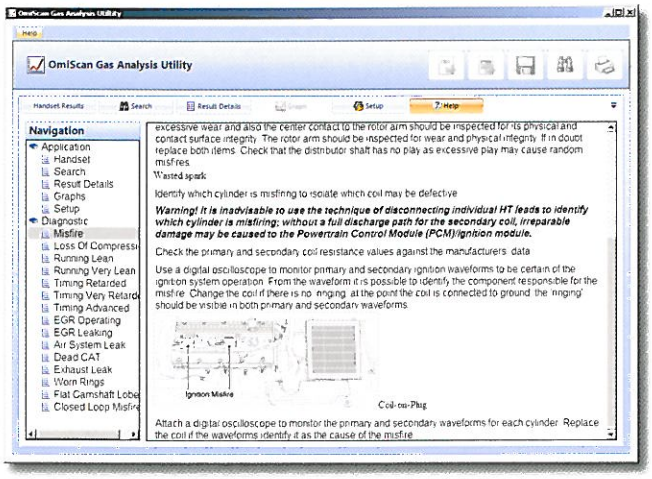
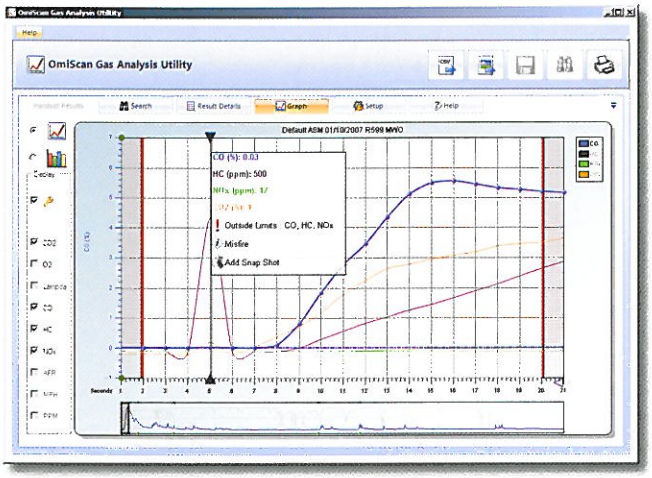
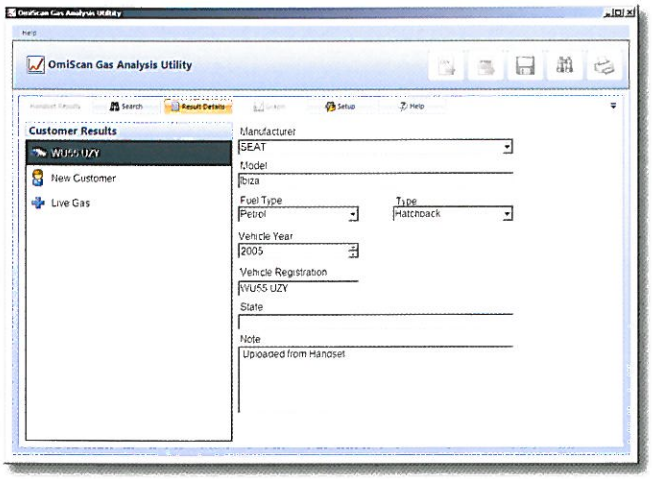
The OmiScan Gas can also be used to identify combustion faults which only occur when the vehicle is driven. To enable this, the handset remains in the cab whilst being connected via Bluetooth to the gas analyser in the boot.

Portable OmiScan Gas - 5 Gas Analyser Function and Features







5 gases Measured (Infra Red and Electrochemical cell)

- HCs, CO, CO_2, NOx and O_2

Measurement accuracy meets or exceeds requirements for OIML Class 0 and BAR97

- CO — Range - 0% to 15%, Accuracy typ 3% rel
- CO_2 — Range - 0% to 20%, Accuracy typ 3% rel
- NOx — Range - 0 to 5000ppm, Accuracy typ 1% rel
- O_2 — Range 0% to 25% , Accuracy typ 1% rel
- HC n-hexane — 0 to 2000ppm , Accuracy typ 3%
- HC n-propane — 0 to 30000ppm , Accuracy typ 5%

Features and benefits

Lambda and Air Fuel Ratio measurement

Fast Warm up (typically 1 min) and Response Times

Battery powered – Up to 4 hours continuous use, charge time 4 hours max. (Battery charger included)

Wireless Bluetooth Handset with range in excess of 30 feet.

Light weight rugged compact construction with integral carry handle and charging dock for handset

Battery status indicators and low charge warning for both handset and base station

Quick release sample hose with optional extension hose

Gas readings presented in gas concentrations

Simulated test functions such as CAT test

Data logging function – including Date and time

Up to 1 hr Live Data Storage on handset

On board Analyser Diagnostic functions

USB connection on handset for interface with PC Gas Analyser software for data printout and comprehensive graphing functions

PC application has comprehensive fault diagnostics menus to aid trouble shooting; Graphing function, either as a line plot or as bar graph for individual gases

User functions to define test parameters and customized tests and to add data to graphs

Full search ability for stored data

Print out results with workshop and customer details

Predefined Tests

- Catalyst Test
- MOT Pre-test using BET'S limits

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