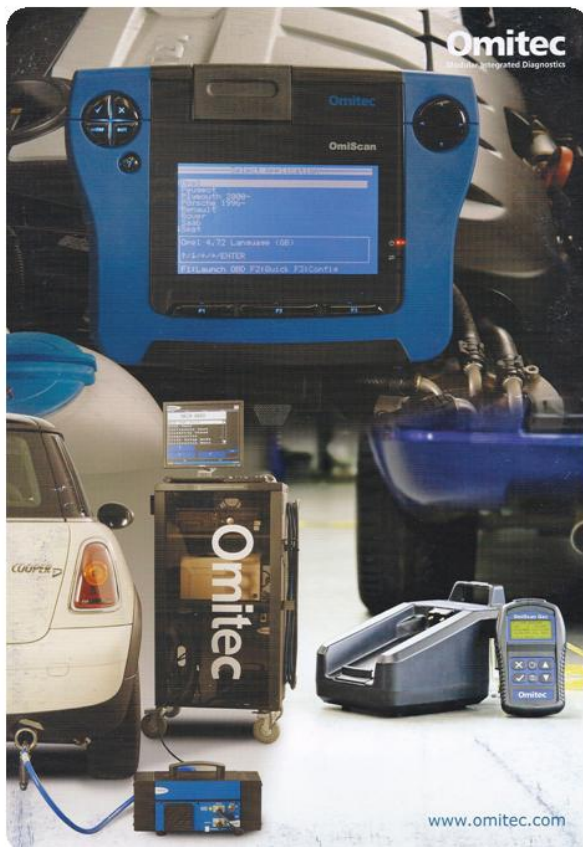




Newly appointed distributor for
Omitec Diagnostic Tools

Products brochure July 2011 from AK Automotive



Omitec 
Modular Integrated Diagnostics

AK Automotive uses and recommends Omitec equipment for servicing and diagnostics and is a newly appointed distributor for Omitec.

For further product information, pricing and to request a quotation, contact AK Automotive.

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Omitec

Modular Integrated Diagnostics

from



**Motor Industry Professional
Technical Services**



About Omitec

Omitec has become recognised as a pioneering international supplier of diagnostic equipment to the automotive industry, supplying both vehicle manufacturers and the independent aftermarket.

Products range from small hand held smart multi meters and various service diagnostic tools to full diagnostic scan tools with in depth programming capability for a wide range of vehicle brands. Omitec is also an industry leading manufacturer of exhaust emissions test equipment from portable 5 gas analysers to full VOSA approved exhaust emissions testers for petrol and diesel MOT testing.

Omitec is a British company with five sites in the UK including head office and manufacturing plant in Devizes. The company has further offices in Frankfurt, Germany, Paris, France, Detroit USA and Shanghai China.

The Omitec Group was formed in 1998 but the company's background goes back to 1970. Since 2000, Omitec has acquired numerous companies and developed further branches to its business, thereby enabling the company to become a leading supplier of diagnostic equipment and services to the automotive industry.

Omitec have a wide range of automotive diagnostic testers. Some allow quick access to reset service lights on most vehicle control systems whilst others access vehicle manufacturers' diagnostic data. Products are manufactured to order in the UK and then delivered directly to customers by courier.

Omitec's experience as an OEM supplier is reflected in their comprehensive range of cutting edge automotive diagnostic equipment. This means you can rely upon Omitec equipment for an innovative and effective approach when servicing and diagnosing your customer's vehicles.



Omitec
Modular Integrated Diagnostics

Omitec Headquarters in Devizes, Wiltshire, United Kingdom.

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Omitec automotive service & test tools

OmiNspect Single Application 'Fast Check' Diagnostic Tools

A range of cost effective, simple, easy to use hand held service tools designed for the user to simply 'plug and play'. Ideal for specialists only wanting a single application tool e.g. Fast Fit's, Body Shops and Servicing Centres. The following OmiNspect tool variants are available:

OmiNspect EOBD

Reads and clears fault codes, accesses live data and freeze frame data. Covers all modes of EOBD. Contains a comprehensive vehicle specific fault code library.

OmiNspect Service Reset

Enables resetting of service lights on a vast number of vehicles. Ideal for garages that would normally have to take the vehicle to the local main dealer just to have the service light turned out.

OmiNspect Airbag

Reads and clears faults codes, resets airbag and SRS warning lights. Ideal for body shops.

OmiNspect Climate Control

Reads and clears fault codes in climate control systems on a large variety of vehicles.

OmiNspect EBP Electronic Parking Brake and ABS

Allows opening of brake callipers on vehicles with electronic hand brakes, re-calibrates systems, reads and clears ABS fault codes.



Tyre Pressure Monitoring Systems

OmiNspect TPMS

Designed to program TPMS control module, register new valves or re-register valves if wheels have been moved to different positions.

Note: Requires OmiDetect to activate valves.

OmiDetect

Activates a wide range of OEM tyre pressure monitoring valves or registers the valve in the TPMS control module.

OmiTyre Plus

Complete kit comprising of both OmiNspect TPMS and OmiDetect handsets along with necessary cables all in one carry case. An essential tool for Fast Fit centres or garages who change and re-fit tyres.



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Omitec automotive service & test tools

OmiSonic

A small, easy to use diagnostic fault isolation tool specifically designed to identify and isolate sound sources in the Ultrasonic range. The OmiSonic converts inaudible high frequency ultrasound into an audible sound which can be heard by the headphones or seen on the integrated LED bar graph display.



Ideal for hunting down that illusive whine or rumble, pinpointing noisy bearings and even detecting leaking door seals causing wind noise etc.

Features

- Low and high pressure air leaks.
- Bearing and lubrication failure.
- General mechanical inspection.
- Electrical (high Voltage discharge).
- Seal integrity (doors, windows).
- Exhaust system inspection.
- Air conditioning system leak location.



OmiSonic is available either as a basic kit comprising of receiver unit with acoustic and solid probes or the OmiSonic Automotive Full Kit supplied in carry case with receiver handset, transmitter, headphones and probes.

The following additional probes and extensions are available separately for OmiSonic:

Flexible probe with transducer - for reaching awkward places.

Acoustic probe extension - for use with standard acoustic probe.

Acoustic trumpet - for sweeping smaller areas and detecting leaks in air and water systems.

Acoustic trumpet - for sweeping large areas to find leaks in large containers.

Omitec Smart Multi Meter 800 series

Cost effective, pocket size one touch operation using intelligent technology to automatically select the value being measured. The unit auto detects and auto ranges on DC and AC voltage measurements and Ohms. Auto power off function helps to conserve battery live.



A handy tool to have for quick checks, mobile and roadside use.

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Omitec automotive diagnostic tools

OmiCheck

Omicheck is a cost effective, versatile service and diagnostic scan tool from Omitec, available in two variants - OmiCheck Service and OmiCheck Professional.

Omicheck Service

Offers you a low cost, updateable and fully upgradeable entry level diagnostic tool. It is aimed at garages, repair specialists, service centres, Fast Fit's and even Car Sales Centres who want a multi function tool to carry out servicing tasks that require diagnostic communication. OmiCheck Service encompasses all the 'Fast Check' functions of the OmiNspect range of single application tools in one convenient hand held unit.

Omicheck Service gets you into diagnostics at an affordable price and covers the following vehicle brands for selective 'Fast Check' functions:

- Alfa Romeo • Audi • BMW • Citroen • Fiat •
- Ford • Vauxhall/Opel • Lancia • Land Rover •
- Lexus • Mercedes • MG Rover • Mini • Peugeot •
- Renault • Saab • Seat • Skoda • Toyota •
- Volvo • VW •

The tool is fully upgradeable to OmiCheck Professional, thereby turning it into a full diagnostic scan tool (see below).



Omicheck Professional

Takes the easy to use functionality of the OmiCheck Service tool and turns it into a full diagnostic scan tool with in depth capability across a wider range of vehicle systems and model types. OmiCheck Professional coverage includes the following systems:

- Engine management • Injector configuration • Transmission •
- Key/Remote program • Particulate filter • SRS airbag •
- ABS braking • Seat electrics • Climate control • Instruments •
- Tyres • Suspension • Steering • Body control module •
- Interconnection • Security • Door modules •
- Service light reset • Lighting systems •
- And much more •



Omicheck Professional is available either as an upgrade from OmiCheck Service or as a stand alone diagnostic scan tool.

Both OmiCheck Service and OmiCheck Professional come with 1 year software updates subscription included in the price and never time out. The tools are updated several times a year by CD or via the internet.

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Omitec automotive diagnostic tools

OmiScan

OmiScan is a powerful diagnostic scan tool which offers you in depth systems diagnostics and programming coverage across a wide range of European and Asian vehicles and model types. The diagnostic menus are easy to navigate, enabling you to establish communication quickly. Data is displayed on a large, easy to read screen and all hardware is built into the handset.

CAN communications and other diagnostic protocols are also dealt with by the tool internally. There is no need for any additional cables or vehicle personalisation keys to facilitate communication. All this makes the OmiScan a very powerful and convenient tool to use.

Vehicle brands covered

- Alfa Romeo • Audi • BMW • Citroen • Fiat • Ford •
- Vauxhall/Opel • Honda • Hyundai • Innocenti • Jaguar • Lancia •
- Land Rover • Lexus • Mazda • Mercedes • Mini • Mitsubishi •
- MG • Nissan • Peugeot • Porsche • Renault • Rover • Saab •
- Seat • Skoda • Smart • Suzuki • Toyota • VW • Volvo •

OmiScan key features

- Control module re-configuration • Key re-programming •
- Injector re-programming • Electronic Park Brake (EPB) •
- Service re-set including Variable, CBS and Assyst Plus •
 - Extensive live data • Component activations •
 - Data capture facility (snapshot) •



OmiScan applications include

- Engine management systems • TPMS • ABS • SRS • DSC • ESP • Immobiliser • Body controller •
- Transmission • Vehicle security • Door control modules • Climate control • Instruments •
- Electronic suspension • Cruise control • Park distance control • Electro - hydraulic power steering •
- Particulate filter regeneration • Light control modules • Steering angle sensor •

Updates and technical information

OmiScan comes with one year software updates subscription included in the price and never times out. The tool is updated by CD several times a year or via the internet. The OmiScan comes with two CD's which provide a useful technical bulletins data base and CAPS technical information system.



OmiScan's applications and vehicle brand coverage along with Omitec's experience of supplying OEM equipment makes OmiScan the ultimate choice for the serious professional technician.

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Omitec emissions test equipment

OmiScan Gas

A high performance portable exhaust gas analyser with diagnostic data capture and storage as well as accurate pre defined tests for catalyst and MOT pre test using BET's limits (note: OmiScan Gas is not VOSA approved).

Available in both 4 and 5 gas versions, OmiScan Gas is a valuable additional diagnostic aid for garages and vehicle repair workshops. It is a particularly useful tool for mobile diagnostic technicians.

OmiScan Gas can capture and store up to 1 hour of live data which can be downloaded to PC for analysis. The hand set communicates with the base station via blue tooth.

Diagnostic software highlights irregularities and running problems such as intermittent misfires occurring when driving that are difficult to reproduce in the workshop.

An exhaust gas analyser is an essential item of equipment for any serious vehicle repair workshop. The OmiScan Gas takes exhaust emissions testing to a new level, providing an advanced, compact and portable diagnostic solution for both garages and mobile diagnostic technicians.



OmiGas PC

A trolley mounted, fully integrated infrared 4 gas exhaust gas petrol emissions analyser. Designed to meet and be part of the VOSA computerised testing programme and Basic Emissions Test (BET).

The OmiGas PC provides vehicle technicians with a complete petrol emissions testing solution, offering gas testing for both vehicle workshops and MOT testing stations.

Features

- Robust trolley stores all equipment and probes.
- PC with 17-inch TFT colour monitor, 40Gb hard drive, CD drive, keyboard, mouse and A4 printer.
- All software factory installed and tested.
- Fast warm up and easy maintenance reducing downtime.

The gas analyser requires to be calibrated every 6 months.



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Omitec emissions test equipment

OmiEmissionscentre

Provides a complete emissions testing solution. The fully integrated, PC based equipment offers diesel smoke as well as petrol exhaust gas testing for both vehicle workshops and MOT testing stations.

Features

- Robust trolley stores all equipment and probes.
- PC with 17-inch TFT colour monitor, 40Gb hard drive, CD drive, keyboard, mouse and A4 printer.
- All software factory installed and tested.
- Fast warm up and easy maintenance reducing downtime.
- OmiGas - a compact, future-proof petrol emissions tester using Omitec's latest high reliability design.
- OmiSmoke - next generation diesel emissions tester meeting Category A and B requirements. Built in smart battery management and FAS test saves time and money.



OmiEmissionscentre with 5 year package

OmiEmissionscentre is also available as a five year peace of mind package providing all calibrations, VOSA data cards, BET's updates, engineers call out, fully covered for 5 years from purchase date.

OmiSmoke

The OmiSmoke is a compact diesel emissions tester with Category A and B approval for MOT class 4,5,6 and 7 vehicles. A fully portable handset with prompted test procedures comes as standard. To accurately record test results, the handset has an integrated thermal printer.

Features

- Compact and portable diesel emissions tester meeting Category A and B requirements.
- Fast warm up in under 2 minutes.
- Smart battery management and FAS test to save time and money.
- Can be used stand-alone, as part of OmiEmissioncenter or OmiTechcenter.
- Optional wall bracket for convenient storage.



The OmiSmoke unit requires calibration every 12 months.

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About AK Automotive

Based in Milton Keynes, Buckinghamshire AK Automotive was established in 1999 by ex Saab Master Technician Tony Kitchen. Tony is a fully qualified, apprentice trained vehicle mechanic with over twenty five years hands on motor industry experience. He is also an ex MOT tester and is qualified and experienced in Further and Adult Education and workplace assessment.

Tony Kitchen provides vehicle diagnostics services for garages as well as private customers. As a diagnostic technician, Tony well appreciates the importance of being properly equipped to do the job and regularly invests in purchasing the best available equipment for his business to get the job done properly. This includes use of Omitec equipment.

AK Automotive also offers a comprehensive programme of technical courses which run from selective venues throughout the year. They can also be delivered on site. Tony Kitchen keeps up to date through continuous research and personal development. Courses are therefore based upon detailed knowledge and first hand experience of subject matter.

This means that AK Automotive can call upon a vast experience and detailed technical knowledge of some of the very latest vehicle electronic systems and diagnostic equipment. This knowledge is passed on to you during courses, further supported by examples from real time fault investigations using recorded live data captured with leading edge diagnostic equipment.



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