

# EUI & EUP Testing on the AVM2-PC



September 2011

The Series HK1500 Product Family allows workshops to test Electronic Unit Injectors and Pumps (EUI & EUP) in conjunction with the AVM2-PC.

This product has been enhanced from the successful HK870 cambox, using the experience gained from 7 years of production to develop the HK1500 product range for Delphi EUP and E3 today, and an expanding platform providing the capability for further new applications in the future.

Utilising application-specific changeable cams, the cambox system, when combined with the new dual solenoid controller and the range of solenoid and piezo amplifiers, accurately replicates real-life operating conditions for better results. In addition, it gauges injector response time and when combined with the load cell add-on, will determine peak internal injection pressure. This means that the HK1500 system provides the most detailed information available on an EUI's internal condition, allowing accurate and cost effective diagnosis and repair.

## Hardware

The HK1500 is an enhancement for the AVM2-PC allowing EUI/EUP testing.

Hardware consists of:

- HK1500 Rack Enclosure Kit
- HK1502 Base Cambox inc. overload protection
- Load cell for peak pressure measurement
- Dual Solenoid controller
- Range of solenoid and piezo amplifiers
- Vehicle Specific Application Kits including cams
- Vehicle Specific Load Cell Kits
- Various Tools & Accessories



**HK1502 Base Cambox**

## Software

The HK1500 is controlled through magmah<sup>plus</sup> software and interfaces:

- Regular magmah<sup>plus</sup> updates with valid maintenance license
- All Makes annual Licence for Load Cell operation
- Semi-automatic test plan control
- Future Proof – allows for new applications
- Save results, export and print as a XML file
- IRIS compatible for Delphi Authorised test solutions



**HK1500 Rack Enclosure Kit  
with dual solenoid controller  
and amplifier for E3.**

Contact your local **Hartridge™** distributor  
for more detailed information or visit

[www.hartridge.com](http://www.hartridge.com)

Continuous development is taking place. **Hartridge™** reserves the right to alter the design and/or specification without prior notice.

© Hartridge™ 2011 v1.2



The Hartridge Building  
Network 421  
Radclive Road  
Buckingham MK18 4FD  
United Kingdom

**Tel:** +44 (0)1280 825600

**Fax:** +44 (0)1280 825601

**Email:** [sales@hartridge.com](mailto:sales@hartridge.com)

[www.hartridge.com](http://www.hartridge.com)