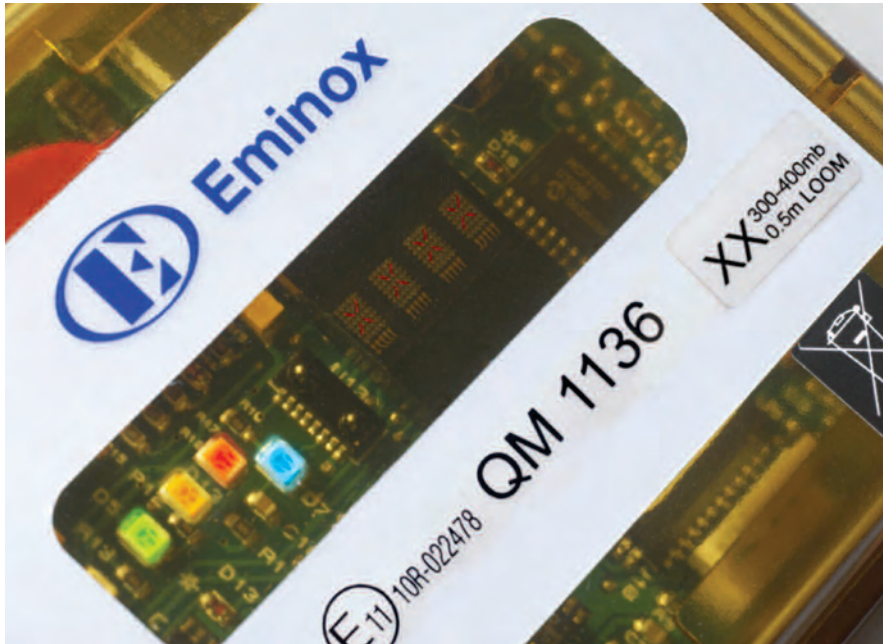


Eminox - Electronic Service Indicator

For Eminox CRT® Systems



Eminox is committed to a programme of continuous engineering innovation to safeguard our customers' investment in their Continuously Regenerating Trap (CRT®) Systems.

The Electronic Service Indicator (ESI) allows the customer to monitor a CRT® System's performance and avoid expensive filter damage. In simple terms, by measuring and recording fluctuations in a vehicle's exhaust system back pressure, ESI alerts a vehicle operator when the CRT® System's filter needs cleaning.

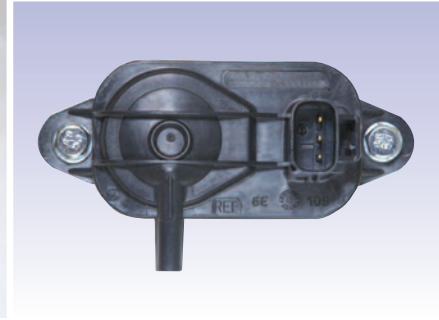
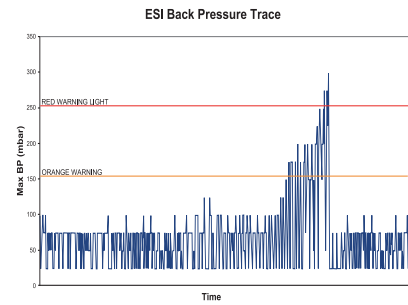
The ESI has two key elements, a back pressure sensor and a microprocessor. Both sensor and microprocessor are housed in durable, automotive standard plastic casings and are designed to be mounted in the engine bay. The sensor is about the size of a large matchbox and connects, via a heat-resistant flexible tube, to the CRT® System's inlet.

The sensor measures and sends back pressure readings to the processor. The processor incorporates a series of three warning lights and a digital display. A green light registers that the unit is on and back pressure levels are normal, an amber light that back pressure has risen to a level above normal, and a red light indicates that back pressure has reached a level where the CRT® System's filter requires immediate servicing.

ESI offers customers the option of encouraging the driver to play an active role in vehicle maintenance.

ESI, combined with Eminox's Filter Cleaning Scheme, is a cost-effective and efficient way for operators to safeguard their investment and ensure that they meet their environmental targets. Checking back pressure using ESI is quicker, cheaper and less disruptive to other servicing activities than comparable systems.





Features & Benefits

- ESI continually monitors the CRT to detect increases in the system's back pressure.
- It provides reliable back pressure information, indicating the condition of the CRT® System's filter.
- ESI can provide an early indication of engine problems.
- It incorporates a three stage warning light process: green, amber, red.
- ESI comes complete with connectors that allow users to fit warning lights inside the cab.
- The digital display retains the results of tests until cleared by the operator. Consequently, back pressure tests can be undertaken by one person.
- ESI allows the back pressure warning limits to be tailored exactly to each vehicle thereby ensuring optimal operation.
- A data logging facility enables users to download back pressure information to identify trends in their vehicles' performance.
- The 'brains' and digital display of the ESI are housed in a robust, transparent automotive standard plastic casing.
- All elements of the ESI system are resistant to vibration, heat and high pressure water.
- It is easy to fit and comes with a comprehensive operating handbook and detailed fitting instructions.
- EminoX ESI also comes with a comprehensive warranty.



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