

Common Load Box



Visteon has developed a low-cost test equipment solution – the Common Load Box – that provides a means to automate the testing of automotive electronic products. This solution allows the flexibility to test a wide spectrum of electronic products and features a “plug and test” configuration.

The utility for the Common Load Box has evolved since its introduction, by solving common issues shared in electronics product development communities, with its flexibility addressing the usefulness in many testing applications. From environmental testing to EMC testing, the Common Load Box delivers a quick, reusable and low-cost alternative to product load box testing — resulting in a swift return-on-investment. In addition, this apparatus can help:

- Reduce the product development life cycle;
- Improve the quality of test;
- Offer seamless test repeatability;
- Reduce test times by adding automation sequences; and
- Provide a common test platform for ease of support.

Advantages

- Modular design interfaces for user selectable measurement control and equipment.
- Reusable – through reconfigurable “plug and test” modules.
- Capability to include multiple user defined sources for individual product inputs.
- Buffered analog and frequency signals
- Individual channel internal/external and short/open control.
- Software front panel offers ease of manual control.
- Easily verified test setup and hardware.
- Expandable chassis for products that have additional I/O requirements.
- Bench top and portable.

Visteon Corporation Test Operations

One Village Center Drive
Van Buren Township, MI 48111
Phone: 1-800-VISTEON
E-mail: testlabs@visteon.com
URL: <http://www.visteon.com/testing>

