



General Motors

The Chevrolet Volt, an electric car with extended range, allowing fuel and emission-free operation up to 65 kilometers, will be powered by lithium ion batteries produced in the United States by General Motors.



Our partner in the USA, A&D, was selected by GM to supply the automation system for the test benches in the new, state-of-the-art battery testing laboratory. A&D testing equipment coordinates the climatic chambers, the performance systems, and the conditioning and serves as the interface between the battery control and security system.

The components for voltage and temperature measurements as well as test controllers from the e.series are used for the measuring system.

Flexibility, reliability, precision, and simple handling are the reasons why A&D uses Gantner products. This success with GM demonstrates the strength of our partnership.

Therefore Gantner Instruments has also provided a minor contribution to the car of the future, the Chevrolet VOLT. Alternative power sources and state-of-the-art engineering, which reduce our dependency on petroleum, save fuel, and reduce emissions, are the keys to sustainable mobility.

Advantages of using e.series at GM:

- I/O Signals, Power Supply, and Interfaces are all Electrically Isolated
- Robust Design and Excellent EMC
- Temperature Stability
- Simple Connection via Ethernet