



For Immediate Release

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SAKOR TECHNOLOGIES, INC. INTRODUCES HYBRID VEHICLE BATTERY TEST SYSTEM

Fully line-regenerative system improves power efficiency and reduces operating costs

SAKOR Technologies, Inc., a leader in hybrid vehicle drivetrain testing, introduces its Hybrid Vehicle Battery Test System, a complete offering for high-voltage battery testing. The system is extremely energy efficient and can effectively perform all types of performance and durability cycling, including complex profiles and road load simulations.

At the heart of the system lies a high-efficiency, line-regenerative DC power source. During discharge modes, absorbed power is regenerated back to the AC mains instead of being dissipated as wasted heat, which is common practice among other battery testing systems. This innovative method generates greater power efficiency and measurably reduces overall operating costs.

Driven by a DynoLAB™ EM controller, the Hybrid Vehicle Battery Test System inherits DynoLAB's ability to automate all types of performance, durability, and continuous cycling operations, including full road load simulation. In fact, the system can function both as a battery tester and as a battery simulator. Integration with a HybriDyne™ Hybrid Driveline Dynamometer creates a system capable of testing complete hybrid drivelines and subsystems with or without actual batteries in circuit. The system may be configured to provide dynamic response (i.e. voltage sags and current surges) just as would be seen in-vehicle. Unlike the performance of an actual battery, the simulator output remains repeatable from cycle to cycle, regardless of charge status, resulting in more consistent and accurate test data.

The Hybrid Battery Test System is available with voltages of up to 1,000 VDC. Typical systems range in size from +/- 200 Amps to +/- 2,400 Amps (continuous), and most units offer overload (surge) currents of up to 200 percent of the rated current.

About SAKOR Technologies, Inc.

SAKOR Technologies, Inc. is a recognized leader in the manufacture and development of reliable and cost-effective automated test instrumentation systems for a wide range of applications. For over 20 years, the company has been providing quality products and superior customer service to a variety of markets including automotive, performance racing, military, aerospace, marine, heavy equipment, electric motor, consumer appliance and more.

For more information, contact us at 517-332-7256, via e-mail at: info@SAKOR.com, or visit SAKOR's website at www.sakor.com.

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