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SAKOR Technologies, Inc. featured on Michigan Business Network's Bottom Line IT News Show



Randal Beattie explains the critical importance of dynamometers

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SAKOR Technologies, Inc., a recognized leader in dynamometer testing, announces that Randall Beattie, SAKOR's President, was recently a featured guest on Bottom Line IT on Michigan [Business Network](#), a weekly podcast covering hot topics in technology news. The online news show is hosted by Mike Maddox and Matt Kolberg and heard live at 9:00 a.m. on Saturday and Sunday. Mr. Beattie's talk covered dynamometer systems and applications.

The lively discussion featured a lot of give and take as the hosts asked Mr. Beattie to explain how dynamometer systems produce measurements and data critical to manufacturing production.

Mr. Beattie explained that dynamometer systems are used to test rotating equipment of all kinds. From small motors inside a printer, to vehicle engines, to large 10 MW generators on [wind power](#) equipment, dynamometers test torque and speed for anything with a rotating shaft. Since AC dynamometers can drive as well as load, they are capable of testing a much broader array of devices such as pumps, transmissions, turbines, generators, as well as the motors and engines typically tested by standard load-only dynamometers.

SAKOR specializes in AC motoring dynamometers, which tend to be higher end, precision devices since they are motoring devices they are getting they are capable of equipment that can also drive motors, which means they can also be used to [test pumps](#) and turbines.

The biggest industry users of SAKOR's dynamometer systems are power train and electrical motors, including generators on wind mills. Clients include NASA, many major hybrid and [electric vehicle](#) manufacturers, Emerson Electric, and NASCAR, to name just a few.

The equipment is used for testing both performance and durability, as it can simulate what would happen to a device in real-world operation. "For example, we have NASCAR clients who use our systems to test whether their engines are likely to last through an entire race at the [Daytona 500](#)," said Beattie. "Laboratory testing with dynamometers is much more cost-effective than testing the equipment in-vehicle."

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 25 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.