

Product News: SAKOR Introduces Small Motor Dynamometer Series

Ideal for testing small rotary devices in automotive, military, and aerospace applications

(SAKOR Technologies: Okemos, MI) -- SAKOR Technologies Inc., a provider of implementation of instrumentation products for dynamometer testing, introduces the MicroDyne series of small motoring dynamometers. Ideal for a wide range of automotive, military, and aerospace testing applications, this newest innovation from SAKOR is capable of testing all types of small rotary devices such as motors, pumps, generators, compressors, and more.

The MicroDyne is a fully functional, four-quadrant dynamometer engineered specifically for low power applications. Versions are available in sizes from 100 watts to five kilowatts. For applications operating at five kilowatts and above, SAKOR's AccuDyne AC dynamometer system is readily compatible with larger rotary components as well as conventional engine and power-train systems, hybrid vehicle drives, and electric motors.

Both the AccuDyne and MicroDyne dynamometers offer precise speed and torque control. This is especially true in low speed applications where full torque can be applied all the way to stall (zero speed). Modern drive technology also allows the systems to provide seamless crossover between motoring and loading modes. Advanced features for more sophisticated testing requirements include inertia simulation, engine simulation, and NVH testing capability.

The MicroDyne and AccuDyne dynamometers, combined with an appropriate DynoLAB test cell control system, will provide optimum, reliable performance in a fully automated test system.