

GMWAssociates

Hello,

GMW will be showing Sensors and Instruments for magnetic and electrical measurements used in motor and battery development and test.

Conference details are available at:

<http://www.evtechexpo.com/>

Exhibit only Registration at no charge is available:

<https://registration.n200.com/survey/00nfl1r2qxyah/register>

We will be showing:

- Three-component, Bx, By, Bz magnetic field measuring sensors with [analog](#) or [digital](#) outputs and frequency response from dc to over 25 kHz. These are available for Hand-Held or Jig-Mounted requirements or in complete [Mappers](#) or Scanners for high resolution permanent magnet or electromagnet field mapping. Field Probes can be as thin as 0.2mm for measurements in rotor-stator gaps of motors or generators.
- [Clip-On Current Probes](#) with current ranges from +/-250A to +/-2000A and frequency response from dc to 75kHz (-3dB). The small size, light weight plus vibration and water resistance enables electrically isolated, long-term, sub-system current monitoring in test cells or vehicles.
- [High resolution Current Transducers](#) with large 82mm (3.2") aperture, dc to 4kHz frequency response and current resolution to 10uArms are being used for dc or ac, differential or leakage current measurements on complete cables for ac-dc chargers, PV to dc battery storage, variable speed drive to motor assemblies. The very high stability and reproducibility of these Transducers enable applications to product development, production quality control or long-term condition monitoring.
- Very high resolution and accuracy, wide dynamic range [Current Transducers](#) with full-scale current ranges to 10kA and dc to 100kHz(-3dB) for charge-discharge measurements of batteries or motor drive efficiency measurements using power analyzers or high resolution data loggers.

GMWAssociates

- Clip-around, [Rogowski Coil AC Current Probes](#) with Coil cross-section down to as small as 1.6mm and Coil lengths to many meters with full-scale current ranges from 30A to 1MA. Frequency response is up to 30MHz (-3dB) making these Probes applicable to a wide range of isolated current measurement on switching device leads, on leads from VSD to motors and in resonant wireless charging coils. The Rogowski Coil Probes have no magnetic core and are insensitive to dc current of any magnitude. This enables a Rogowski Coil AC Current Probe to be used for high resolution ac measurements of battery charger noise or injected current in impedance testing.

Sandro Renteria, Calibration Manager at GMW, will be with me at the GMW Booth. If you are attending, please stop by. If you would like to discuss any of these sensors and instruments, please call or email me. Thank you.

Best wishes,
Ian.

PS: If you no longer want update emails from GMW, please let me know. Thank you. Ian.

Ian J. Walker

Senior Applications Engineer,
GMW Associates

Tel: (650) 240-1134 (direct)
(650) 802-8292 (GMW)

Fax: (650) 802-8298

e-mail: ian@gmw.com

Web: <http://www.gmw.com>

Follow GMW: [LinkedIn](#) | [Facebook](#) | [Twitter](#)

955 Industrial Road
San Carlos, CA 94070