

GMW

Hi Everyone,

We will be demonstrating the Senis High-speed, High-resolution, Three-field-component, Magnetic Field Mapping System at the [Coil Winding Expo \(CWIEME\)](#) in Chicago, IL, from October 3 to 5. The Coil Winding Expo will be held at the Stephens Convention Center, conveniently located in [Rosemont, IL](#), minutes away from the Chicago O'Hare airport. [Registration](#) for the Expo is free.

For sample Magnetic Field Maps and Applications,
see: http://www.gmw.com/magnetic_measurements/Senis/documents/MMS-1A-RS%20Standard%20Samples%20and%20Maps%202017.pdf.

The Senis Magnetic Field Mapping System enables a user to create high position resolution maps of the magnetic field components B_x , B_y , B_z and B around an electromagnet or permanent magnet. The map of the magnetic field may be given in the form of color coded 2D or 3D isometric visual display, tables of the numerical values of the three components, the total magnetic field, and so on. All three components of the magnetic field are measured simultaneously within a $0.15 \times 0.15 \times 0.01$ mm "point". Standard Mappers are available with scanning volumes of 135mm (5.3") cube and 500mm (19.7") cube. Special, larger volumes can be offered. The system is controlled by an easy-to-use software on MS Windows. Full information on the Mapper is available here: http://www.gmw.com/magnetic_measurements/magmap.html

At the expo with me will be Dr. Zhen Xu, GMW Development Engineer, and Sasa Spasic, CEO of Senis. If you are attending the Coil Winding Expo, even if just part of a day, and have a specific application you would like to see, or have a sample you would like us to map on-site, please [email me](#). Thank you.

Ben

P.S. If you would prefer not to receive these emails, please reply and let me know. Thank you.

Ben Hartzell

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