



MMS-1A-RS / MMS-1X-RS: Included Components

Senis MMS-1A-RS / MMS-1X-RS Magnetic Field Mapping Systems include:

- F3A Three-Axis Magnetic Field Transducer.
 - Specify Type KM, Type HM, or Type HL.
 - Specify one full-scale field range from of 100mT, 500mT or 2T.
- Cartesian Moving Platform. Maximum scanning speed 100mm/sec. Includes Probe Holder. Includes optical boundary switches to obtain probe position, and mechanical switches to prevent damage to linear modules.
- Stepper Motor Drivers (SSMD)
- Linear Encoders for linear axes (x,y,z) for 1 μ m resolution.
- Emergency Stop Safety Switch
- NI Motion Controller for simultaneous control of four axes (x,y,z,t). Allows for higher scanning speeds (100mm/s) and complex scanning paths (circles, 3D contours, etc.).
- Multifunctional NI DAQ for Motor Drive Control and Data Acquisition. Connects to PC via USB interface.
- MMS-RS Rotating Stage With Rotary Encoder (resolution 0.022 degrees)
- MMS-SC Non-magnetic scroll chuck.
- MMS-TS Touch sensor to prevent probe damage. Triggers emergency stop whenever probe touches an object under measurement process.
- MMS-CT Calibration Tools. Includes MMS-MF magnet frame.
- MMS-Analysis. Mapper Software module for user-defined data visualization and analysis.
- DELL or HP desktop computer with Windows Professional OS and Senis Mapping Software.
- MMS-ZG7 Zero Gauss Chamber. Magnetic Shield for correcting the probe zero field offset.
- Power Supply
- Documentation
- Installation, supervision & training at the customer's site in North America – 2 full days
- Warranty of 12 months from customer's site acceptance

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