



Western Instruments

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26509 Township Road 543
Sturgeon County, Alberta
T8T 1M1 Canada

Phone: (780) 459-6720
Fax: (780) 459-7837
E-mail: info@westerninstruments.com

Web: westerninstruments.com

W-FI Demonstration Kit

Western Instruments has assembled a Kit for Distributors to use for demonstrating the features of our Pocket Magnetometers. The Kit consists of all 3 W-FI's (W-FI-10, W-FI-20, and W-FI-50), as well as a W-10 Verification Fixture. The Kit includes an attractive wooden storage case.



When any of the W-FI's are placed into the W-10 Verification Fixture, they will indicate a 10 Gauss field. The picture below, shows a W-FI-20 in the W-10, indicating a 10 Gauss Field. Another feature of our Verification Fixtures, is we offer them in either Positive or Negative ranges. Some Customers, with large



numbers of W-FI's in use, purchase both Positive and Negative Verification Fixtures to ensure there accuracy over the entire testing range, at the start and finish of every shift. This may seem excessive, however when W-FI's are used around strong magnetic fields (or DC Coils), and in rugged environments, damage will occur. Lets not forget that the accurate measurement of magnetic fields are covered in a great number of Magnetic Particle Inspection specifications, and must be adhered to.

We typically don't encourage customers to purchase Verification Fixtures, as they need to be calibrated (by Western) on an annual bases. Calibrations are convenient in North America, but tend to be expensive for overseas customers. W-FI's are intended to be disposable, operators use them for a given length of time and rather than recertifying, it is downgraded or disposed of. A new W-FI's costs less than equivalent magnetometer's calibration costs.

W-FI's, like competitive Magnetometers, are available with a separate certification, that requires our engineers to affix a serial number and perform a separate verification in a Helmholtz Coil. However, it is important to remember that W-FI's started being a disposable, and have grown into a very accurate device.