Metrolab

Magnetic precision has a name ***since 1985***

WE THANK YOU

for your business and your trust for these last 35 years. We take pride in serving you!

WE WISH YOU THE VERY BEST

as we look forward to the next decades.

ABOUT METROLAB

Metrolab builds instruments to measure strong magnetic fields with great precision.
Established in 1985, we have won the trust of all the large physics laboratories and all leading players in Magnetic Resonance Imaging across the world.

PRECISION TESLAMETER PT2026

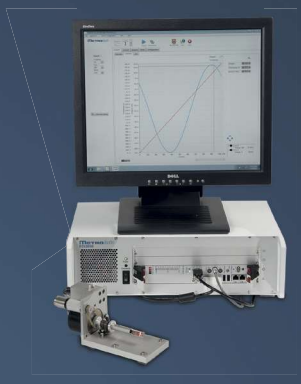
With pulsed-wave NMR detection, the PT2026 is the most precise magnetometer on the market. It measures magnetic fields from 38 mT to >30 T at a precision as good as 10 ppb, with a measurement rate up up to 33 Hz.

MAGNETIC FIELD CAMERA MFC2046

MRI and NMR spectroscopy applications require a magnetic field uniform to within a few ppm. The NMR MFC2046 reduces mapping times from hours to minutes and positioning errors to fractions of a millimeter. The MFC2046 measures magnetic fields up to 1.1 GHz / 25 T and offers a wide selection of probe-array geometries with DSV from 100 mm to 600 mm.

HALL AND FLUXGATE 3-AXIS HANDHELD MAGNETOMETER FAMILY THM1176/TFM1186

The THM1176 and TFM1186 simultaneously measure all three components of the magnetic field and deliver the total field, regardless of the probe's orientation. Their range goes from the µT to 14 T, DC to 1 kHz, with ±1% accuracy and 0.1% resolution.



FAST DIGITAL INTEGRATOR FDI2056

The FDI2056 is the first off-the-shelf instrument to be able to quantify magnetic field transients such as eddy current effects. Equipped with a high-speed Analog-to-Digital Converter, high-resolution clock, and highly optimized digital integrator, the FDI2056 boasts up to 500 000 partial integrals per second and resolutions down to 10^{-14} Vs with an accuracy of 10 ppm.

PERMANENT MAGNETS PM1055

Metrolab's permanent dipole magnets are serious scientific instruments, in a deceptively small and elegant package. Available in fields from 0.01 to 0.5 T, they are remarkably compact, weighing just around a kg and measuring 80 mm in diameter and 39 mm (0.01 – 0.27 T) or 55 mm (0.5 T) high.

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