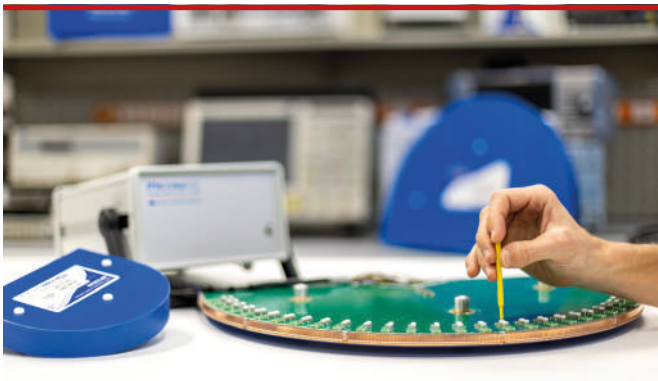


## THE GLOBAL MARKET LEADER FOR PRECISION MAGNETOMETERS

HIGH QUALITY  
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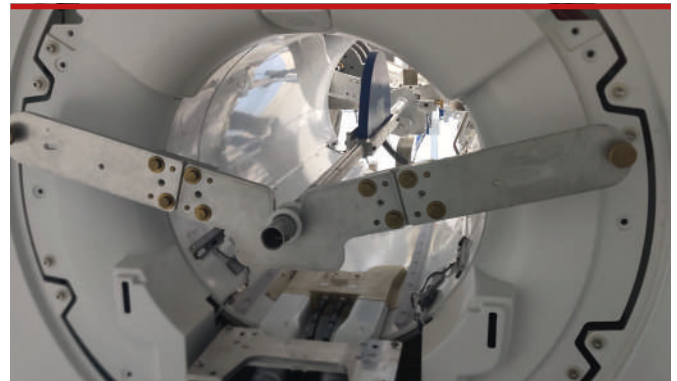
MAGNETIC FIELD CAMERAS  
DIGITAL INTEGRATORS  
MAGNETOMETERS  
MAGNETS

MR SPECTROMETERS  
MRI MANUFACTURERS  
MOTORS MANUFACTURERS  
HIGH ENERGY PHYSICS LABS



### NMR Precision Teslameter PT2026:

- Ultra-high precision < 10 ppb
- Measurement range 38 mT - 30 T
- Upgradable to magnetic field camera
- High tolerance to gradients
- Analysis through FID processing



### NMR Magnetic Field Camera MFC2046:

- Measurement range 100 mT- 30 T
- Magnet DSV from 100 to 600 mm
- Up to 255 probes on a probe array
- Multi-point or single-probe measurements
- Field ramp-up or decay monitoring



## ABOUT METROLAB

Established in Switzerland in **1985**, we have won the trust of all the large physics laboratories and all leading players in Magnetic Resonance Imaging, **across the world.**

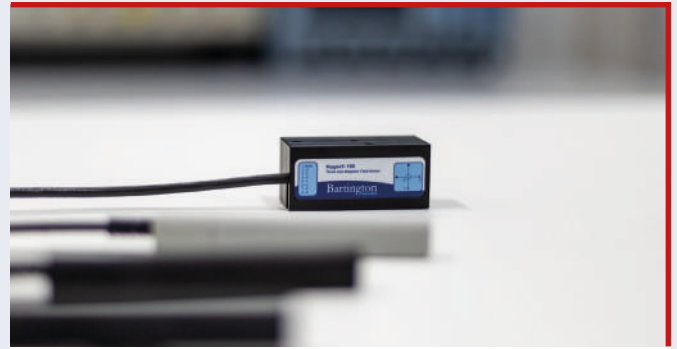
With Metrolab, you measure magnetic fields with **Swiss precision and quality.**

## SWISS MADE

110, ch. du Pont-du-Centenaire  
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### 3-axis Hall magnetometer THM1176:

- Ultra-compact and user-friendly
- Extensive family of 3-axis sensors
- DC or AC field up to 8 kHz
- 3-axis calibration up to 3 T
- Measurement accuracy of  $\pm 0.5\%$

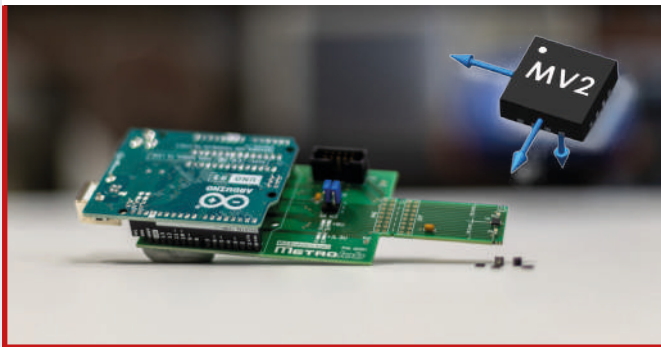


### 3-axis Fluxgate magnetometer TFM1186:

- Robust and reliable
- Measurement range  $\pm 100 \mu\text{T}$
- Measurement accuracy of 0.5%
- Resolution of 4 nT

### 3-axis Hall chip MagVector™ MV2:

- Small size  $3 \times 3 \times 0.9 \text{ mm}^3$
- Flexible data outputs Bx, By, Bz, Temp
- Digital or analog outputs
- Measurement ranges from 0.1 to 30 T
- Small sensing volume  $200 \times 200 \times 5 \mu\text{m}^3$



### Hall Magnetic Field Camera HallinSight®:

- 3-axis Hall sensor arrays
- Linear array of  $32 \times 2$  sensors 2.5 mm apart
- Matrix array of  $16 \times 16$  or  $32 \times 32$  sensors
- Range up to 2 T with 4 nT resolution
- Measurement of DC or AC fields

### Dipole Permanent Magnets PM1055:

- Available from 0.01 to 0.5 T
- NMR compatible
- Air gap of 13 mm
- 50 mm diameter poles
- 80 mm diameter, height 39 - 55 mm



### Fast Digital Integrator FDI2056:

- Fastest, most sensitive voltage integrator
- Featuring high-speed ADC
- High-resolution clock
- 500'000 partial integrals per second
- $10^{-14}$  Vs resolution with 10 ppm accuracy