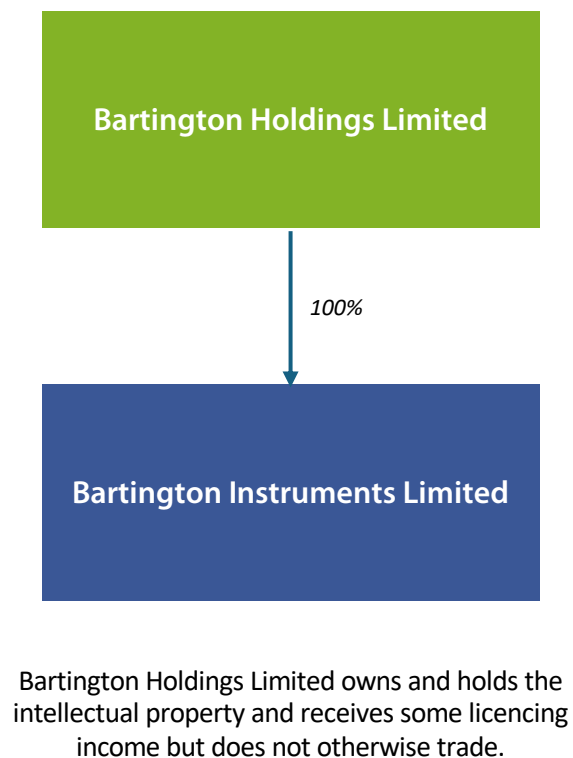




Corporate Presentation

Bartington[®] is a registered trade mark of Bartington Holdings Limited in the following territories: United Kingdom, European Union, and United States of America.

Ownership Structure



The ownership structure of Bartington Holdings is summarised as follows:

Ordinary shares	1,420
Ordinary A shares (non-voting)	262
Total Shares in issue	1,682

Description of share ownership:

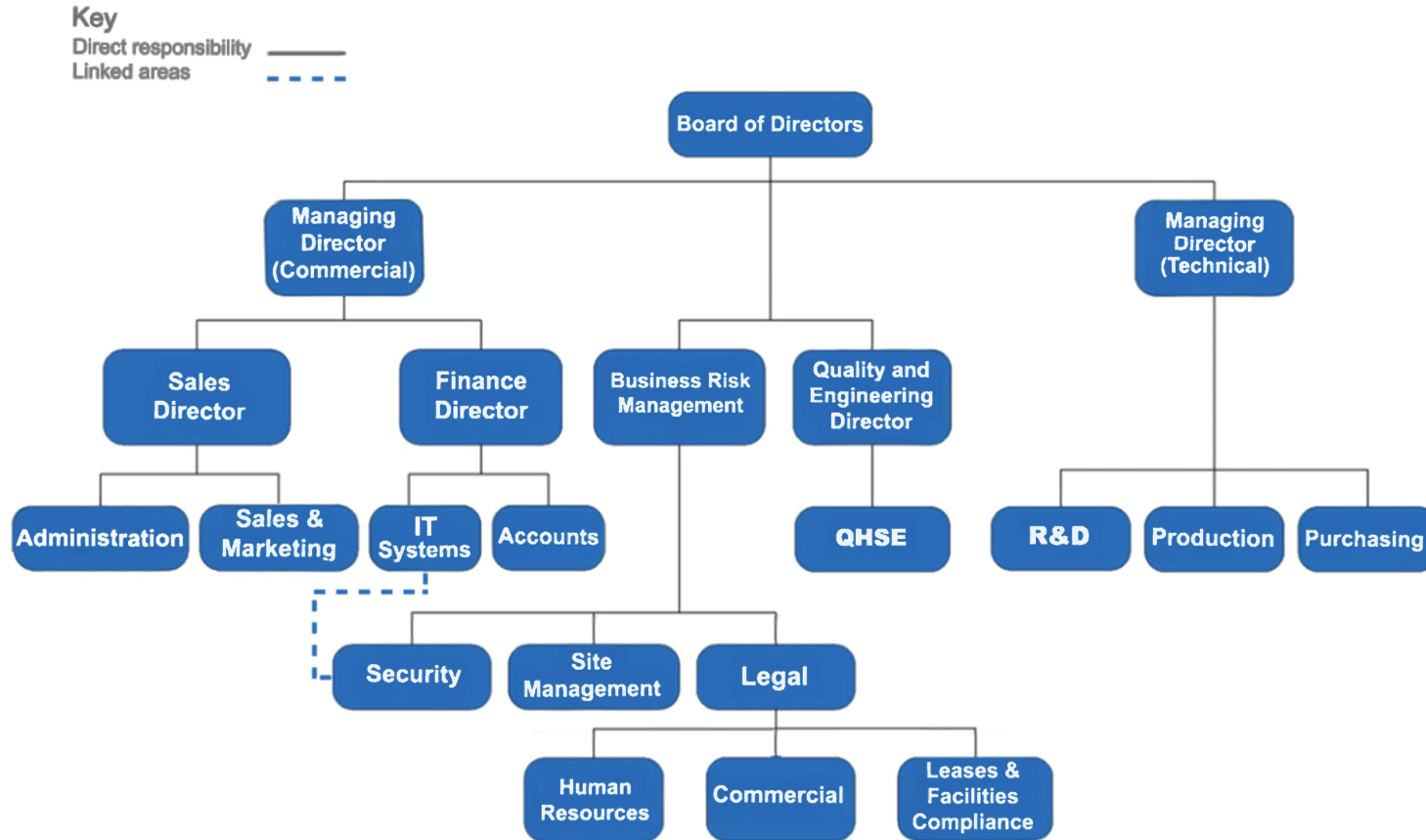
Founder Shareholder and Family	1,390 Ord shares
Professional Advisor	30 Ord shares
Employee-owned Shares (including ex Employees)	212 A Shares
Professional Advisor / Non-executive Director	50 A Shares

In addition to the above there are also 328 EMI share options in issue.

Board of Directors

	Name	Role	Responsibilities	
	T J Evans	Joint Managing Director	Group strategy, management and decision making	
	D Cetnik	Joint Managing Director	Research and development	
	T Simcox	Sales Director	Sales activities worldwide	
	S De-Banks	Finance Director	Financial activities and statutory accounts	
	N Roffe	Quality and Engineering Director	Overseeing quality department and provides technical advice	
	D Green	Non-Executive Director	Company secretarial, corporate matters, financial advice	

Organisation Chart



The company currently employs a total of 74 staff.

This includes:

- 6 directors (one of whom is a non-PAYE Non-Executive Director)
- 3 employees in sales and marketing
- 7 Administration
- 6 in administration, legal and finance
- 10 in research and development
- 42 in production

Company Overview

- Bartington Instruments is a global leader in the design and manufacture of high-precision magnetic field sensors and instrumentation.
- Since its incorporation in 1985, the company has specialised in developing magnetic measurement technology of exceptional quality and reliability.
- Founded by Geoffrey Bartington and Tessa Evans, and still privately owned and operated, Bartington Instruments has grown from its origins in Witney, Oxfordshire, into an internationally recognised supplier supporting customers and industries across the world.
- Over 40 years, the company has created a wide range of magnetic field sensors with minimised noise, including models for operation in diverse environments.
- Its product portfolio includes precision fluxgate magnetometers, magnetic susceptibility instruments, Helmholtz coil systems and advanced data acquisition solutions.
- These technologies are developed in-house by a team dedicated to pushing the boundaries of magnetic sensing performance.
- Following the passing of Geoffrey Bartington, the company continues to be led by Tessa Evans, upholding the founding vision of technical excellence, scientific innovation, and dedicated customer service.



Location



- The company operates from multiple adjoining units (5, 8, 10, 11, 12 and 16) within Thorney Leys Business Park in Witney, Oxfordshire (OX28 4GG).
- This location provides convenient access to regional transport links, a skilled local workforce and proximity to the wider Oxford technology and research ecosystem.
- The premises comprising approximately 15,000 sq. ft of leasehold space allow for integrated office, production, R&D and administrative functions across a single site.
- All units are held on leases of under ten years ending in July 2031 and rent is currently charged at £18 per sq. ft.

Trading Address:

BARTINGTON INSTRUMENTS LTD
Unit 10, Thorney Leys Business Park,
Witney,
Oxfordshire,
OX28 4GG

BARTINGTON INSTRUMENTS LTD

Company No.
01938710

Website:
<https://www.bartington.com/>

BARTINGTON HOLDINGS LTD

Company No.
12752175

Website:
<https://www.bartington.com/>

Key Highlights

- **Established Market Leader**
Over 40 years' experience in the design and manufacture of high-precision magnetic field sensors and instrumentation.
- **Strong Product Portfolio**
Recognised globally for fluxgate magnetometers, magnetic susceptibility measuring instrumentation, Helmholtz coil assemblies and associated data acquisition equipment.
- **Global Customer Base**
Products exported internationally, high profile customer base.
- **In-House Technical Expertise**
Dedicated engineering team ensuring continued innovation with custom design capability.
- **ISO-Certified Quality & Environmental Systems**
ISO 9001:2015 and ISO 14001:2015 accredited, supporting consistent product quality and responsible operations.
- **Intellectual Property and Trademarks**
Registered trademarks for key product names. Robust confidentiality framework in place to protect Intellectual property.
- **Custom Design Capability**
Experience in product design for a wide range of applications.

Technical Design Capability

Fluxgate magnetometers measuring fields to $\pm 2\text{mT}$; bandwidth from DC to 12kHz

Low noise levels ($< 5\text{pT}_{\text{rms}}/\sqrt{\text{Hz}}$ at 1Hz) and low power ($< 400\mu\text{A}$)

Products designed for up to 600bar pressure and temperatures up to 215°C

High resistance to shock (600g) and vibration (6.8gRMS)

Space capable magnetometers (radiation tolerant and $< 1\%$ TML / $< 0.1\%$ CVCM)

Magnetometers for cryogenic ($< 4\text{K}$) and high vacuum applications

Miniature sized sensors (8 x 8 x 15mm)

24-bit magnetometer digitisers with oversampling and signal conditioning/filtering



Certifications



Quality and Environmental Certifications

Bartington Instruments is certified for the design and manufacture of fluxgate magnetometers, magnetic susceptibility instruments, Helmholtz coil systems, data acquisition equipment and power supplies, supplying a wide range of global market sectors.

The company's Environmental Management System is certified to ISO 14001:2015, the internationally recognised standard for environmental management. This framework supports continuous improvement in environmental performance, ensuring compliance with relevant legislation and the implementation of proactive measures to minimise environmental impact.

The certification covers areas such as resource efficiency, waste management and ongoing monitoring of environmental performance, reflecting the company's commitment to responsible and sustainable operations.



Cyber essentials

Bartington Instruments is certified by Cyber Essentials, a UK government-backed, industry-supported scheme that helps organizations protect against common cyber threats by implementing five key technical controls. It improves security posture, often required for government contracts, and reduces breach risk.

Quality Management

Bartington Instruments operates a fully certified Quality Management System covering the design and manufacture of fluxgate magnetometers, magnetic susceptibility instruments, Helmholtz coil systems, data acquisition equipment and power supplies, serving a broad range of global market sectors.

The company first achieved ISO 9001 certification in 2011 (ISO 9001:2008) and has since developed and refined its systems to meet the requirements of ISO 9001:2015. This certification demonstrates a strong commitment to product quality, customer satisfaction, operational efficiency and effective risk management. ISO 9001:2015 accreditation reinforces Bartington Instruments' position as a trusted supplier, providing consistently high-quality products and services and maintaining a continuous improvement culture across the business.



Manufacturing Operation

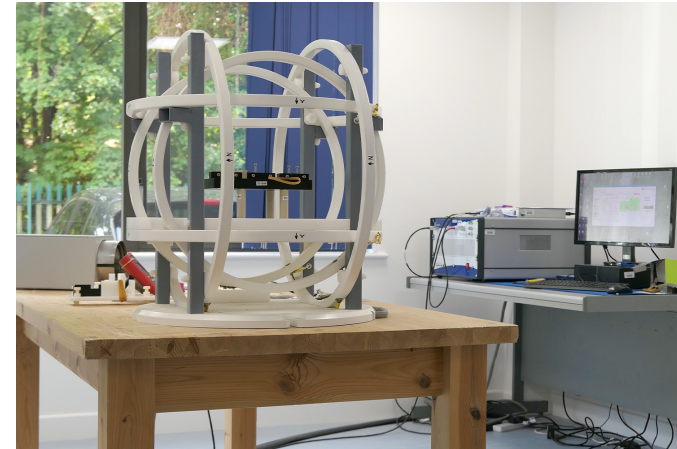
Bartington Instruments has developed a resilient and reliable supply chain through diversification of key suppliers and reducing business risk through research and development.

Recent innovations include a coil winding robot, capable of 24-hour operation and reducing costs considerably.

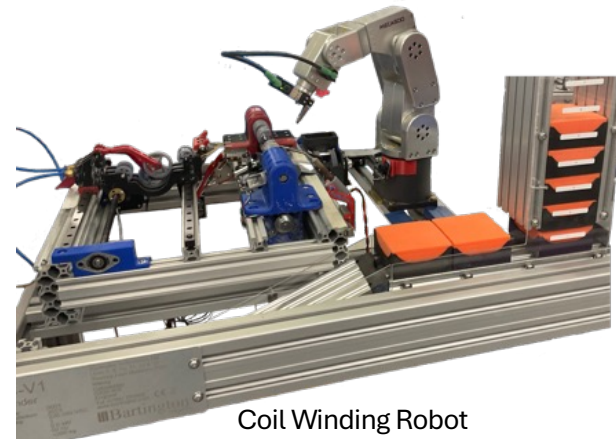
The company's in-house engineering and design team, along with a research team in Madrid, developed a process to allow manufacture of core material for use in its fluxgate magnetometers. This helps to future proof the supply chain but also generates direct cost savings.

They have also secured a 15-year supply agreement with the leading global manufacturer of this core materials to ensure complete protection from supply chain issues.

The company has also developed and built an in-house robotic coil winding machine which enables higher volume and lower cost production of wound coils.



Helmholtz Coil Test System



Coil Winding Robot

Market Sectors

- Defence and Aerospace
- Physics and Space Technology
- Quantum Computing and Semiconductor Manufacture
- Oil and Mineral Exploration
- Geoscience and Archaeology



Applications Across Sectors



Mag629

Aerospace & Defence

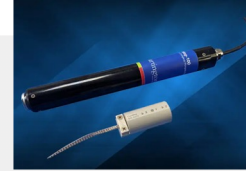
- Vessel signature measurement
- Magnetic anomaly detection
- UAS navigation



Mag693U

Security

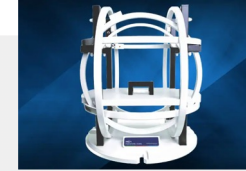
- Crowd screening systems
- Data security
- MRI safety systems



CryoMag

Physics

- High energy physics
- Magnetic field cancellation
- Laboratory measurements



HC1

Technology

- Sensor development
- Consumer electronics production
- Quantum computing



MS3

Environmental Sciences

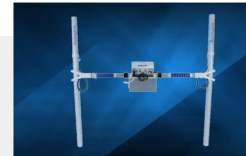
- Paleomagnetism
- Pollution studies
- Sedimentology



Mag614

Oil & Gas Exploration

- Measurement while drilling
- Directional drilling
- Time domain electromagnetics



Grad601

Archaeology and Geophysics

- Archaeological prospection
- UXO detection
- Pipe and cable location



Spacemag-Lite

Space

- Attitude measurements
- Magnetic payload sensors
- Satellite testing and calibration

Product Portfolio



Fluxgate Magnetometers

- Available in single, two-axis, and three-axis configurations for precise vector magnetic field measurement
- Engineered for high sensitivity and ultra-low noise performance
- Used in aerospace navigation, geophysics and defence systems
- Optimised sensor ranges detect Earth's magnetic field variations and subtle anomalies

Gradiometers

- Measure magnetic field gradients to detect localised magnetic sources with enhanced sensitivity
- Widely applied in archaeology for buried structure detection and mineral exploration
- Features high stability and precise baseline separations for reliable measurements

Helmholtz Coil Systems and Testing Equipment

- Coil systems in many diameters, generating uniform magnetic fields for sensor calibration and testing
- Ideal for controlled laboratory environments requiring precise magnetic conditions
- Supports sensor development and verification in medical physics and physics research

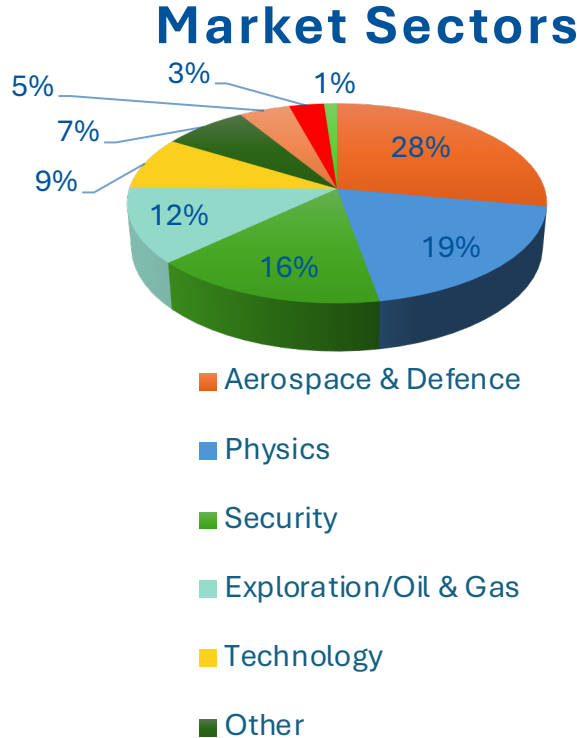
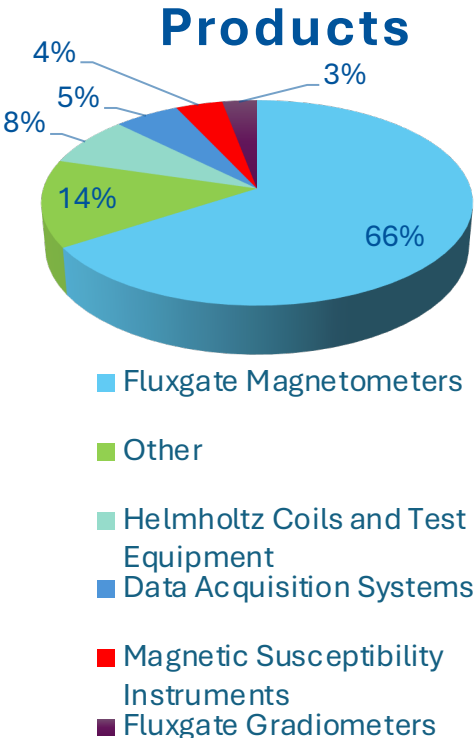
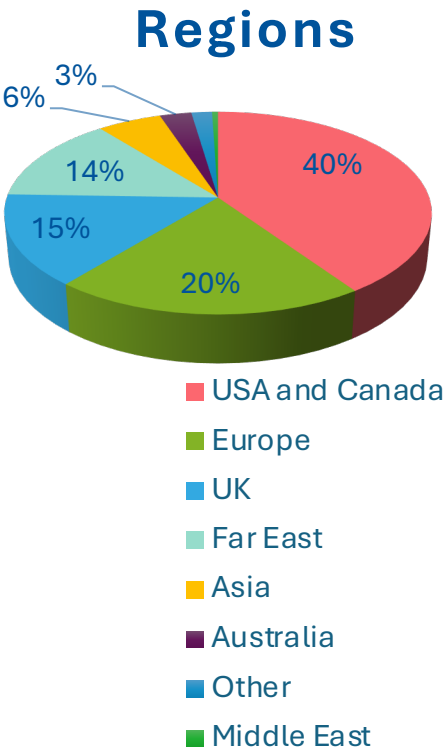
Magnetic Susceptibility Instruments

- Precise tools to measure magnetic properties of materials for characterisation
- Applied in geology, archaeology and mineral research for material analysis
- Highly repeatable and sensitive to support detailed small-sample analysis

Custom Developed Products

- Aerospace magnetometer for incorporation in Magnetic Anomaly Detection system
- Underwater digital magnetometer for UK defence company
- Back up navigation magnetometer for fighter jet for a European defence customer
- Navigation magnetometer for unmanned aircraft for a UK defence customer

Sales 2025-2026



High Precision Magnetometers

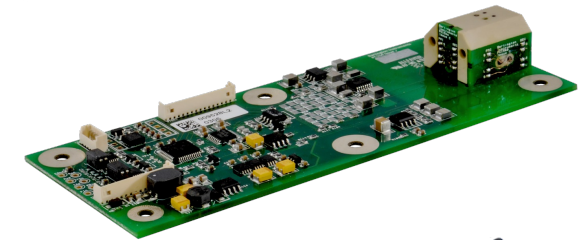
Mag-13 Fluxgate Magnetometer

Noise levels down to $<5\text{pT}_{\text{rms}}/\sqrt{\text{Hz}}$ at 1Hz



Mag658 Digital Magnetometer

Unpackaged sensor with digital RS485 interface and integral accelerometers.



CryoMag Magnetic Field Sensors

Cryogenic sensors operable in temperatures down to 2K.



High Precision Magnetometers

Mag-01H Single-axis Magnetometer

Portable, high resolution, DC field monitor, with aerial, transverse and cryogenic probes, from 0.1nT to 2mT.

Mag-01H Declinometer/Inclinometer System

An integrated, high-resolution system for measuring the declination and inclination of the geomagnetic field.

Customer Specific Products

Development of many products to meet specific customer requirements.



Low Cost Magnetometers

Mag612 Compact Two-part Sensor

Miniature fluxgate magnetometer for integration into detection and mobile systems in limited space.

Mag644 Ultra Low Cost Sensor

17mm single axis fluxgate coil, unpackaged, connected to an FR4 PCB.

Mag690 Low Power Sensor

Low profile sensor for surveillance applications.



Low Power Magnetometers

Mag648/Mag649

Sensors for surveillance applications, in standard, flying lead, unpackaged and submersible versions.

Mag652 Ultra low-power Sensor

Magnetic event sensor for use in remote and environmentally rugged locations, where battery power is essential.

Mag900/901

Low profile sensor for surveillance and security.



High Temperature Fluxgate Probes

Mag610

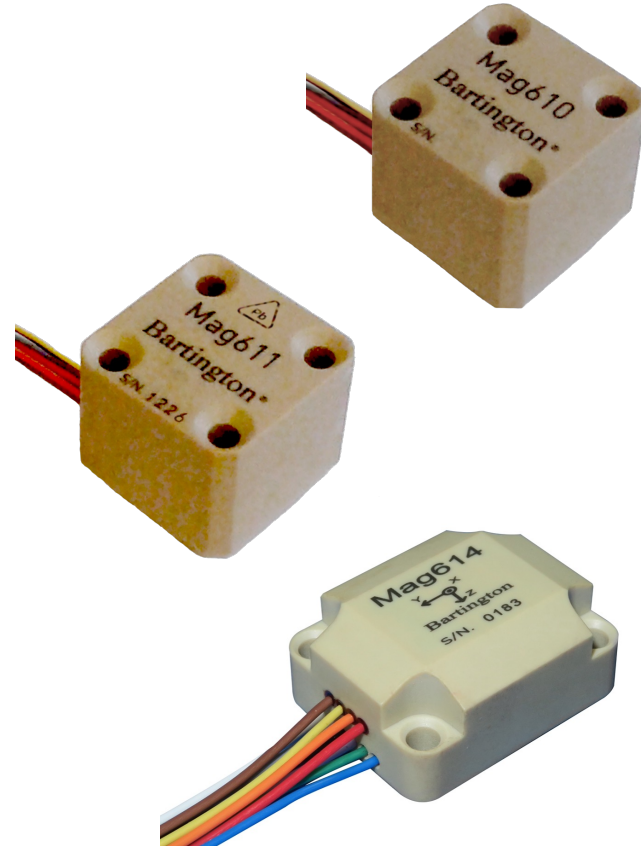
Operation up to 175°C.

Mag611

Operation up to 215°C.

Mag614-FL

Flying lead version for operation up to 175°C.



Aerospace and Space Magnetometers

Spacemag-Lite

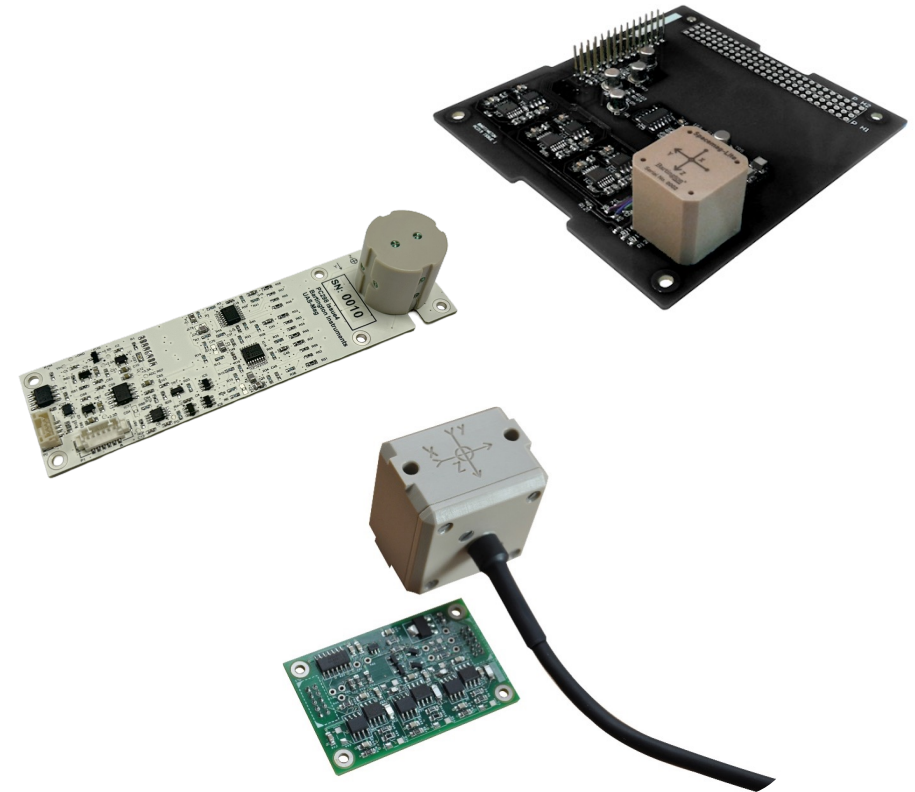
For incorporation into CubeSat mini satellites and low Earth orbit (LEO) missions.

UAS-Mag

DroneCAN magnetometer for UAS.

Mag669

Unpackaged fluxgate magnetometer for aerospace applications.



Data Acquisition Units

SCU1

Signal conditioning, display and power supply unit.

Spectramag-6

6-channel 24-bit data acquisition unit.

DAS1

Multi-sensor data acquisition system with PC-based processing software available.



Data Acquisition Units

PSU1

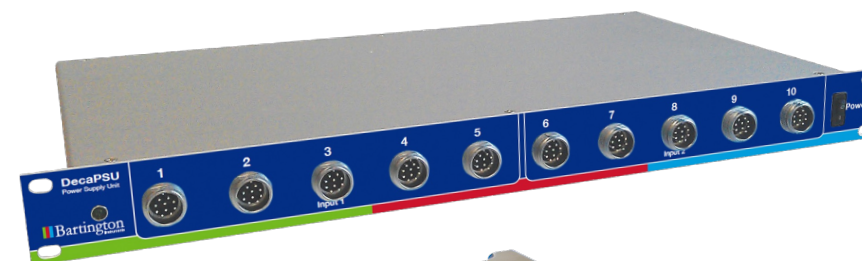
Portable power supply for most Bartington magnetometers.

DecaPSU

Rack-mounted power supply unit and analogue interface for up to 10 magnetometers.

DG-1 24-bit Digitiser

A compact digitiser that converts the output signals of most Bartington analogue magnetometers.



Helmholtz Coil Systems

Bartington Helmholtz Coils

Internal diameters from 350mm to 1000mm.



HC16



HC2

Ferronato Helmholtz Coil Systems

Ferronato Helmholtz Coils

Internal diameters from 78mm to 2000mm.



BHC-2



BHC2000

Helmholtz Coil Systems

PA1 Power Amplifier

An amplifier and signal generator for Helmholtz Coil systems.

CU1 Control Unit

Interfaces with PC-based National Instruments PXI test, measurement and control system running LabVIEW™-based software.

CU2 Closed Loop Cancellation Module

Provides active DC cancellation and attenuation of power frequency fields.



Fluxgate Gradiometers

Grad-13 Digital Three-axis Gradiometer

For high resolution vector measurements of magnetic field gradients on land or in water, with temperature data and integrated accelerometer.

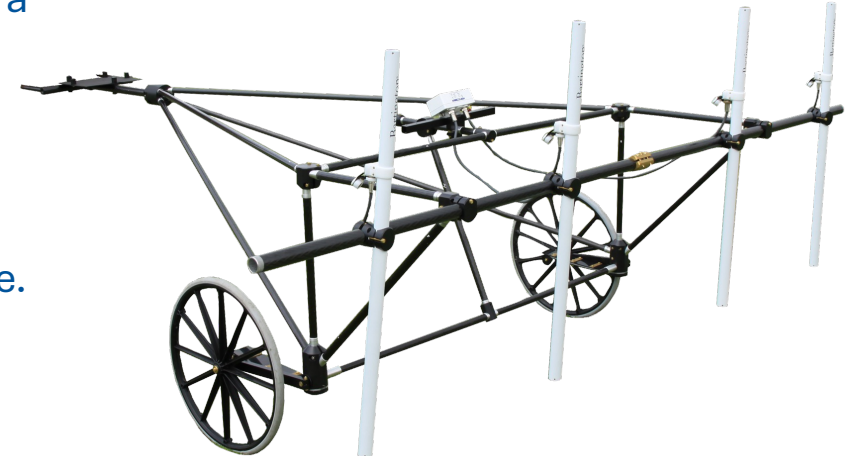


Grad601 Single axis Gradiometer System

A portable system comprising one or two Grad-01-1000L sensors, a data logger and a battery power supply.

Non-magnetic Cart

A non-magnetic cart for large area surveys. GPS software available.



Magnetic Susceptibility Measuring Instrumentation

MS3 Magnetic Susceptibility Meter

A compact, software-controlled meter, offering magnetic susceptibility measurements up to 26 SI.

Range of MS2 Laboratory Sensors

For core sections, and 10cc and 1cc samples.

Range of MS2 Field Sensors

For downhole, surface and core scanning.

