



<https://newtoncolmore.com/job/ultrasound-technical-specialist-and-inventor-cambridge/>

Ultrasound Technical Specialist and Inventor

Description

A pioneering team of scientists and engineers based near Cambridge is seeking an ultrasound specialist to help shape the future of surgical technology. Known for delivering transformative innovations across healthcare and life sciences, the group partners with ambitious organisations to develop solutions that enhance clinical outcomes and redefine surgical practice.

In this role, you'll contribute to the development of advanced surgical platforms, including sensor-integrated instruments and robotic systems. You'll apply your ultrasound expertise across the full development lifecycle, from early-stage exploration to final deployment. You'll also engage directly with clients, helping to define strategy and deliver commercially valuable results, while building your profile within the surgical technology community.

To be considered, you'll need to hold a PhD in a relevant scientific or engineering discipline—such as biomedical engineering, physics, electrical engineering, or a closely aligned field—where your research or professional trajectory has led you into a specialist role within ultrasound. This could include doctoral work focused on acoustic sensing, imaging systems, or transducer technologies, or a postdoctoral or industrial path that built deep expertise in applying ultrasound to medical or surgical applications.

The ideal candidate will be technically accomplished and strategically minded, with familiarity across areas such as transducer architecture, signal interpretation, high-speed electronics, imaging algorithms, regulatory compliance, or acoustic measurement. You'll thrive in a collaborative, fast-paced environment where intellectual curiosity and real-world impact go hand in hand. You'll be proactive, inventive, and commercially aware, with a talent for building strong relationships and navigating complex technical challenges.

The organisation operates from a purpose-built lab, they proudly foster a culture of technical freedom, shared ideas, and entrepreneurial thinking.

In return, you'll receive a competitive salary alongside a performance-based bonus, private medical cover, free meals, enhanced pension contributions, and access to a broad range of lifestyle and professional development perks.

This is an opportunity to join a team that champions technical excellence, creative thinking, and meaningful collaboration. You'll be supported by experienced peers and given the freedom to expand your role as the organisation continues to grow.

To explore this opportunity further, contact Andrew Welsh, Director of Medical Devices, Biotech and Drug Discovery Recruitment at Newton Colmore, on +44 121 268 2240. Alternatively, submit your CV and a member of our team will be in touch to discuss next steps.

Hiring organization

Newton Colmore Consulting Ltd

Employment Type

Full-time

Duration of employment

Permanent

Industry

Medical Devices

Job Location

Cambridge, Cambridgeshire

Date posted

18th July 2026

Valid through

31.10.2026

Apply below or email directly:

andrew.welsh@newtoncolmore.com