



<https://newtoncolmore.com/job/optical-systems-engineer-medical-devices-cambridge-2/>

Optical Systems Engineer – Medical Devices

Description

We are working with a leading Medical Devices company in Cambridge to recruit an Optical Systems Engineer who will play a key role in the development of industry disrupting and lifesaving/improving Medical Technologies.

This is a hands-on engineering role where you'll be designing and integrating optical systems into complex medical technologies. From early feasibility through to product launch, you'll be involved in every stage of development, helping to shape devices that improve diagnostics, treatment, and patient outcomes across a range of clinical applications.

You'll be joining a multidisciplinary team of engineers and scientists, collaborating on projects that demand precision, creativity, and a deep understanding of how optics interact with mechanical, electronic, and biological systems. Your work will span simulation, prototyping, testing, and refinement, with a strong emphasis on regulatory compliance and real-world usability.

We're looking for someone with a solid academic foundation in physics, engineering, or a related discipline, and hands-on experience in optical design and analysis. You should be confident using industry-standard tools and have a track record of delivering robust solutions in regulated environments. Experience in medical devices is highly desirable, but not essential if you bring strong transferable skills and a passion for healthcare innovation.

This role is ideal for someone who enjoys solving technical challenges, mentoring junior colleagues, and working closely with clients to bring ideas to life. You'll be encouraged to explore new approaches, contribute to system-level thinking, and help shape the future of medical technology.

In return, you'll receive a competitive salary, annual bonus, private healthcare, generous pension contributions, and access to a wide range of lifestyle and professional development benefits.

For more information, please contact Andrew Welsh, Director of Medical Devices, Biotech and Drug Discovery Recruitment at Newton Colmore, on +44 121 268 2240. Alternatively, submit your application and a member of our team will be in touch. Please note that without a CV, we can only provide limited information.

Hiring organization

Newton Colmore Consulting Ltd

Employment Type

Full-time

Duration of employment

Permanent

Industry

Medical Devices

Job Location

Cambridge, Cambridgeshire

Date posted

14th July 2026

Valid through

31.10.2026

Apply below or email directly:

andrew.welsh@newtoncolmore.com