



sagentia

World-class research
laboratories & facilities

a **science group** company

Sagentia owns over 100,000 sq ft of research and development facilities across our Cambridge and Epsom sites. With extensive general lab space and a fully-equipped machine shop, there are also specialist laboratories for electronics, optics, chemistry, environmental testing, microscopy, microbiology, sensory evaluation and more. We also offer clients modern 3D printing approaches, a shop for rapid prototyping, a wet lab, acoustic lab as well as exclusive suites for specific projects. All labs are private and secure.

Sagentia has advanced systems for virtual product design, tailored software development processes and tools for agile, high-quality software development.

250+
client
patents

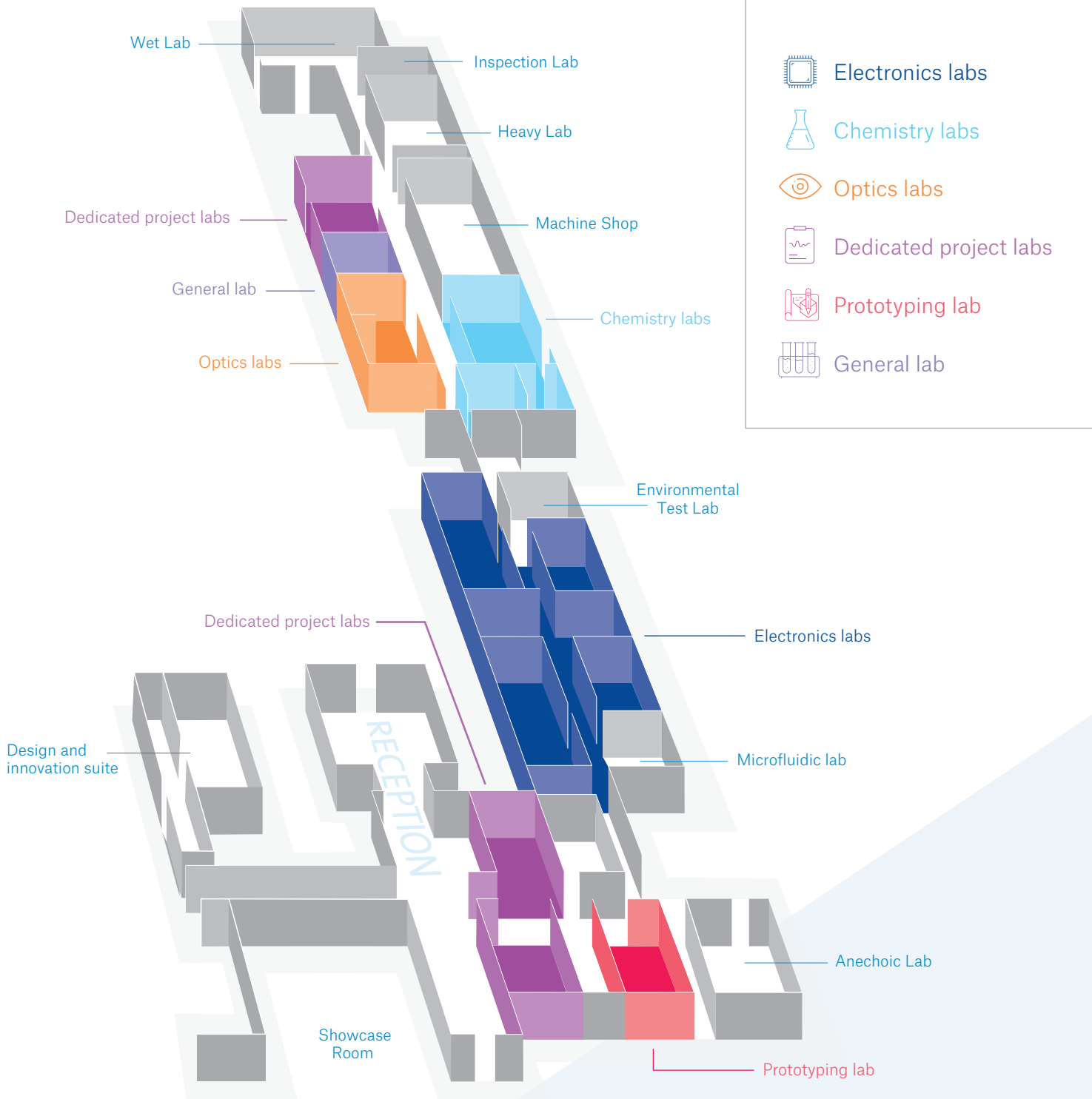
100,000
square foot
of R&D
facilities

5000+
projects

12
global
offices



150 scientists, engineers,
mathematicians
& industry specialists





Clients, large and small, turn to Sagentia for world-class science, technology know-how and product development.



Sagentia works with some of the world's leading companies and the most innovative start-ups. We help our clients develop breakthrough technologies and products that are intuitive to use and commercially viable.

Part of our approach is to understand and analyze early stage science and technology. We will then generate novel product concepts, functional models and proof-of-principle demonstrators. Finally we will move to detailed design and full development, right through to transfer to manufacture.



Optics

Two fully-equipped black-out labs with laser safety interlocks featuring state-of-the-art optical equipment for rapid prototyping and testing of optical designs and systems.



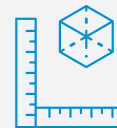
Rapid prototyping

Sagentia maintains comprehensive CAD design facilities and document management tools with the capacity for on-site 3D printing, laser cutting & prototyping. A fully equipped workshop complements our rapid prototyping capability.



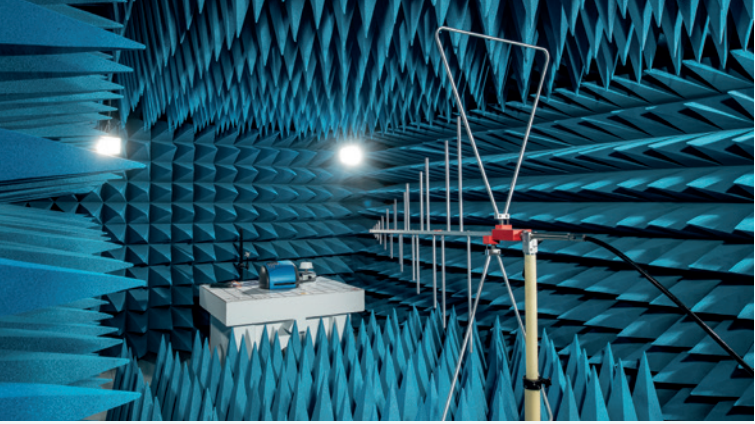
Chemistry

Differential scanning calorimetry, chromatography & thermogravimetric analysis, rheology, electrochemical and spectroscopy instruments can all be found in our chemistry lab along with a comprehensive range of stock chemicals.



Inspection lab

Our component inspection facility includes a Coordinate Measurement Machine (CMM) as well as a range of metrology equipment allowing us to precisely check the conformity and dimensions of incoming materials.



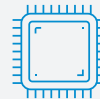
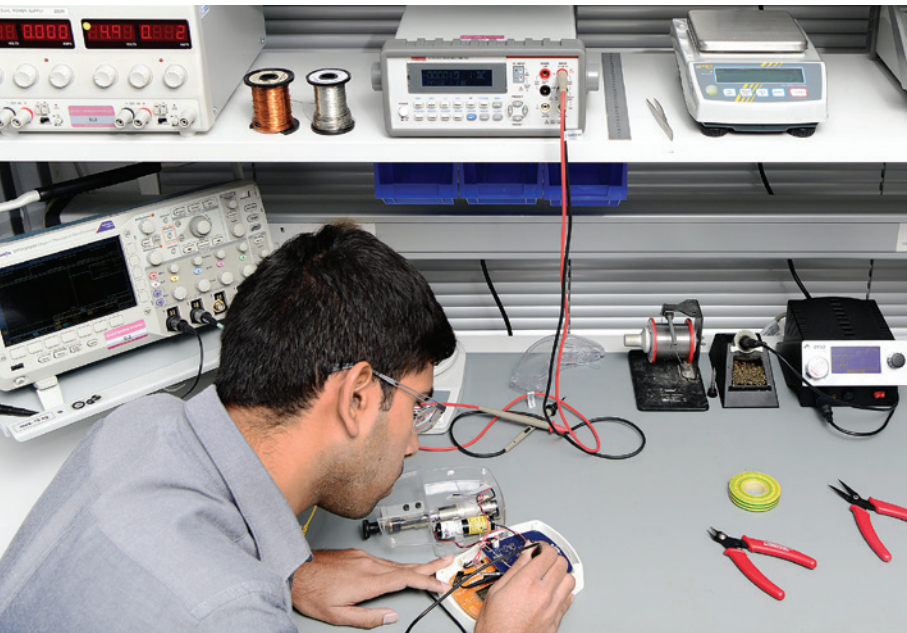
Anechoic lab

Our RF anechoic chamber is used for detailed antenna characterization and for pre-compliance EMC emissions and immunity testing. Currently the chamber is equipped for measurements from 80MHz up to 3GHz (with shielding performance guaranteed to 18GHz).



Environmental test

Our environmental test facility is equipped with a range of environmental chambers that allow us to test functionality over a broad range of temperatures and humidity.



Electronics lab

This lab has multiple bays, each equipped with an oscilloscope, variable power supply and measuring equipment. We also have a central store of calibrated instruments for creating traceable measurements against international standards.



Microfluidic

This lab is dedicated to developing microfluidic consumables and instrumentation for research in clinical use. With reagent storage, sensor technologies, electrowetting, microfluidic controllers and pumps, it is ideal for early prototyping and testing of the consumables and assemblies at the heart of many IVD and life science instruments.



Flow lab

A unique and specialized laboratory and supporting infrastructure to supply water over a range of pressures, flow rates & temperatures. Supporting our work in the development of pumps, flow meters, faucets and showers.



Design and innovation suite

The ID space is used for collaboration across multi-discipline teams in the ideation stage of a product development. The area is designed for research, brainstorming, sketching, modelling, and rapid prototyping.

About us ▾

Sagentia is a global science, product and technology development company. Our mission is to help companies maximize the value of their investments in R&D. We partner with clients in the consumer, industrial, medical and oil & gas sectors to help our clients understand the technology and market landscape, decide their future strategy, solve complex science and technology challenges and deliver commercially successful products.

Sagentia employs over 150 scientists, engineers and market experts and is a Science Group company. Science Group provides independent advisory and leading-edge product development services focused on science and technology initiatives. It has 12 European and North American offices, two UK-based dedicated R&D innovation centers and more than 400 employees. Other Science Group companies include OTM Consulting, Oakland Innovation, Leatherhead Food Research & TSG Consulting.



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