

The right Option for Leeds Institutes of Molecular Medicine, UK

The Client

The Leeds Institutes of Molecular Medicine at St James's Hospital is part of the Leeds University School of Medicine and is dedicated to defining the molecules involved in human diseases and using this knowledge to develop novel therapies and new drugs. It has three Institutes covering Cancer Studies and Pathology, Biomedical and Clinical Sciences (including Genetics, Gastroenterology and Neuroscience) and Rheumatic and Musculoskeletal Diseases.



The Benefits

- Type I and Type II water qualities from mains water
- Flexibility of operation
- All inclusive lease/service contract reduces capital investment and controls costs

The Client's Needs

The Wellcome Trust Brenner Building has laboratories spread over six floors all requiring Type II water for general laboratory use including reagent preparation, steriliser feed and glassware washing. Two floors also needed Type 1 ultrapure water, free from bacteria, endotoxins and nuclease, for critical analytical applications.

Their existing system which produces Type I and Type II water was becoming unreliable and had high operating costs. Laboratory Manager, Sarah Perry, wanted each floor to be independent, and for Type I water systems to be stand-alone. She wanted to deal with a specialist company and contacted ELGA Process Water.

The Solution

ELGA Process Water's solution includes a PURELAB 3060 to supply Type II water for the glass washer and steriliser, and seven PURELAB Option S7 units across all floors, to produce Type II water for general lab use. A further two PURELAB Option Q7 units each fitted with an ELGA Biofilter supply the necessary Type I ultrapure water. All the purification systems are fed with mains water giving complete independence.



PURELAB Option Q7 with Biofilter

ELGA Process Water provided a customised service contract which, in addition to normal maintenance service and consumables, included a **five year lease** to spread the cost of the equipment. And with extended warranty included, costs remained fixed throughout the term. "We now have a full set of brand new water purification systems in each laboratory," says Sarah, "and the five year lease and service plan means we can ensure our units are well maintained by the company".