



## THE CLIENT

Sharp Laboratories – research and development arm of the Sharp Corporation, best known for technological innovation in displays and light-emitting devices.

## THE STORY

This new facility was built in an existing building. The room fabric consisted of a metal cleanroom partition system, antistatic vinyl floor, metal pan suspended ceiling, with a fully equipped changing room. The facility was designed as class 7 turbulent flow with localised class 5 laminar flow canopies and wet benches. The chemical process benches were for acid and solvent-based chemical processing. The solvent benches were stainless steel, with a fire detection and suppression system. The acid benches were polypropylene. Services included a full



Electronics



Class 7



200m<sup>2</sup>

**£750k**

Project Value



Oxford



complement of specialist gases and gas cabinets, which were installed using orbital welding. The project included DI water pipework as well as small power and data fitted in dado trunking. Air conditioning comprised an air handling unit, chiller, chilled water pipework, humidifiers and controls to achieve the design close control criteria. Extract fans were mounted at roof level.

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**“...another excellent facility.”**

The project was completed on time and on budget. Mike Cherril, Facilities Manager for Sharp, said: “We chose Cleanroom Solutions because of their work for us in the past and they delivered another excellent facility.”

**Mike Cherril**  
Facilities Manager

**SHARP**



# LCD TECHNOLOGY RESEARCH FACILITY



Cleanroom  
solutions

## CLIENT CASE STUDY

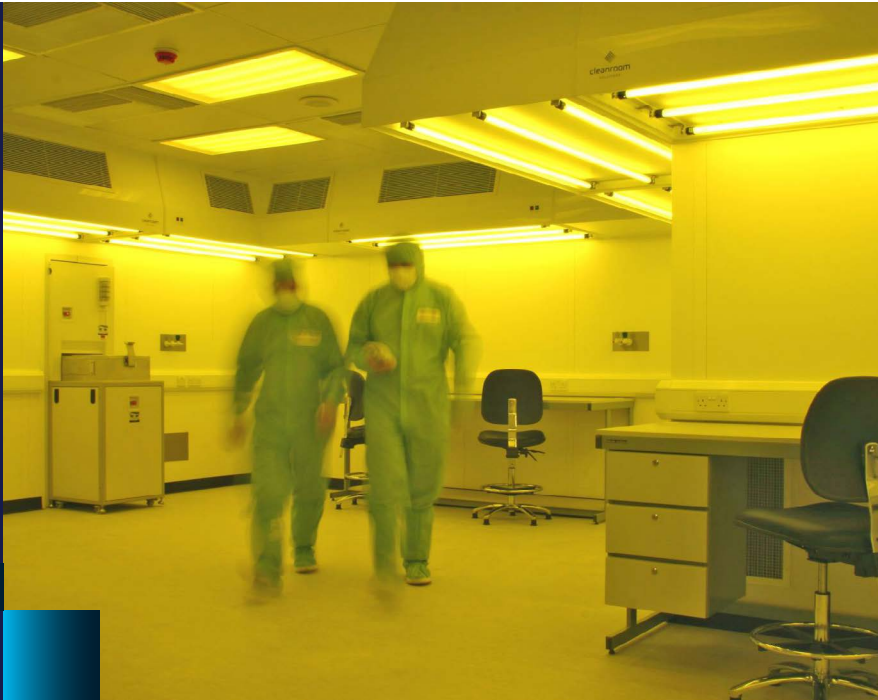
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## THE RESULT

The project was completed on time and on budget. Mike Cherril, Facilities Manager for Sharp, said: "We chose Cleanroom Solutions because of their work for us in the past and they delivered another excellent facility."

