

Nano Science Centre - York



Project:

Nano Science Centre

Location:

Science Park – University of York

Client:

University of York

Consulting Engineer:

Alan Wood & Partners

Architect:

Farrell & Clark LLP

Main Contractor:

Totty Building Services Ltd

Project Value:

£0.5 million

Description:

This project involved the installation of several high resolution microscopes and clean rooms for research purposes within an existing building.

Due to the microscopes being highly susceptible to vibration, they had to be installed on isolated bases. This entailed removing an area of the existing floor slab and installing the isolated base area.

The main microscope required housing in an isolated extension on a 1.5m thick base to counter vibration.

The extension consisted of a brick cavity wall construction built on piled foundations. The extension also housed an 0.5 tonne manual crane to aid in the installation and removal of the microscope lenses.