

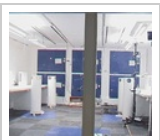
RESEARCH AND DEVELOPMENT



Our extensive research and development activities help to create innovative solutions in all areas of ventilation technology and air conditioning. In addition to planned development work for the individual product groups, there is an increased requirement for project-related testing and proving for our clients.

The main activities of our Research & Development division are as follows:

- Development of new products and technologies
- Optimising existing products
- Project-related tests
- Catalogue documents, lectures and publications
- Customer advice and information



TROX UK's purpose built testing facilities are equipped to enable highly accurate calibrated data that is used to optimise testing of systems, existing products and the development of new products and technologies.

Extensive laboratory testing will enhance confidence in the system and eliminate onsite uncertainty. Each test is conducted in accordance with a brief agreed with the Design Team and if required, in line with the relevant EN testing certification.

Attention to detail is of paramount importance and all aspects of the project test zone need to be replicated within the test cell. Once comprehensive testing has been carried out, a detailed test report together with video of the smoke visualisation is supplied to the Design Team.

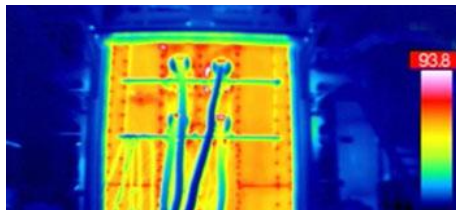
All instruments are calibrated on a regular basis and certified records are available for inspection. Any room module can be constructed within the dimensions and can incorporate either or both the viewing and control walls.

- [TROX UK Fancoil Unit Test Rig](#)
- [TROX UK Instrumentation](#)
- [TROX UK Laboratory 1](#)
- [TROX UK Laboratory 2](#)
- [TROX UK Laboratory 3](#)
- [TROX UK LABCONTROL Facility](#)

IN ADDITION TO OUR UK FACILITIES TROX GROUP HAS FURTHER R&D CAPABILITIES AT THE TROX GMBH HEADQUARTERS IN GERMANY:



MEASUREMENTS ON SOUND
ATTENUATORS
ACOUSTICS



EXTENSIVE MEASURING EQUIPMENT
MEASURING TECHNOLOGY



TEST FACILITIES
CONTROL TECHNOLOGY



LABORATORY TECHNOLOGY
DEMO ROOM

FOR HIGHEST DEMANDS
FILTER TECHNOLOGY

TEST FACILITIES
AIR DISTRIBUTION TECHNOLOGY



INTERNATIONAL CENTER FOR FIRE
PROTECTION
FIRE AND SMOKE PROTECTION