

**FACILITY MANAGEMENT**

DESIGN AND CONSTRUCTION

>> **HARD FACILITY MANAGEMENT**

SOFT FACILITY MANAGEMENT

BUILDING AUTOMATION

EVENT IT

# INSTRUMENT TESTING

## **SAFETY FIRST FOR YOUR LABORATORY**

**Give us a call!**  
**+49 69 305-7777**  
 Monday – Friday: 8 am – 5 pm

Infraser serv GmbH & Co. Höchst KG  
 Industriepark Höchst  
 65926 Frankfurt am Main

Email: [vertrieb@infraser serv.com](mailto:vertrieb@infraser serv.com)  
[www.infraser serv.com](http://www.infraser serv.com)



[www.infraser serv.com/fm](http://www.infraser serv.com/fm)



**SERVICE AND MAINTENANCE FOR LABORATORY EQUIPMENT**

The safety of your employees comes first in the lab. That's why several regulations require annual inspections of laboratory safety equipment: the Workplace Regulation (ArbStättV), the Technical Rules on Hazardous Substances (TRSG 526) and the Laboratory Guidelines (BGI/GUV-I 850-0). As if that weren't enough, special guidelines also require extra, and thus costly, maintenance and inspections of fume hoods, fume extraction systems and cabinets for solvents, chemicals and compressed gas cylinders.

# KEEPING YOUR LABORATORIES SAFE: TRUST OUR INSTRUMENT TESTING TEAM

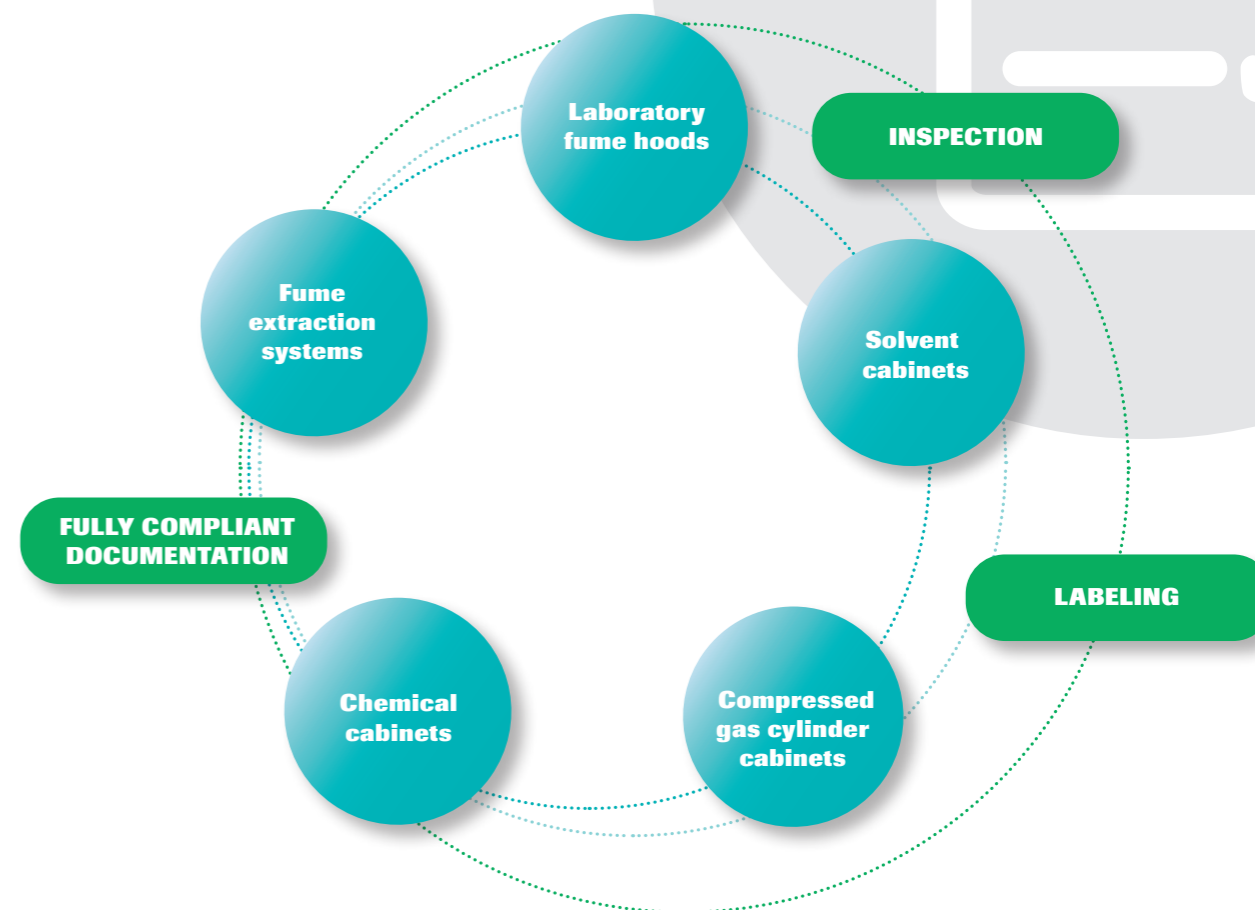
Infraserv Höchst's instrument testing team can inspect your fume extractors, laboratory fume hoods and cabinets for solvents, chemicals and compressed gas cylinders in the legally required intervals and can label the inspected systems as necessary, including preparing all the documentation required by law.

All fume extraction systems to reduce gas, dust and vapor at the workplace are required to be inspected under the Hazardous Substances Regulation (GefStoffV) and the Workplace Regulation (ArbStättV). Laboratory fume hoods also have to be regularly maintained, tested and the associated measurements documented according to TRGS 526 and the BGI/GUV laboratory guidelines issued by accident insurance associations. Typical laboratory fume hoods such as benchtop, low-bench and walk-in fume hoods all have to pass mechanical and performance tests.

Cabinets for solvents and compressed gas cylinders also undergo BGI/GUV mechanical and performance tests. Chemical cabinets (acid, base and toxin cabinets, etc.) do not require mechanical tests since they contain no fire protection elements. Tests for fume extraction systems are defined and governed by GefStoffV.

If we notice any problems, we will obviously correct them immediately if you wish and schedule follow-up inspections. Proper testing – when performed to all applicable standards in close coordination between your staff, other specialists (such as our measuring station for hazardous substances) and the authorities – is the surest way to avoid nasty surprises. It will avoid unforeseen costs and keep your systems running smoothly for a long time to come. And you can rest assured that your laboratory will always meet legal safety requirements.

**OUR INSTRUMENT TESTING TEAM  
KEEPS YOUR LAB RUNNING –  
SEASONED, INFORMED, DEPENDABLE**



## OUR SERVICE PORTFOLIO IN DETAIL

- Regular professional testing in conformity with all laws, regulations and standards
- Performance testing of ventilation (fume hood face velocity measurements)
- Mechanical testing of all components that affect the equipment's serviceability such as seals, closing functions, automatic thermomechanical systems, insulation, cable pulls and explosion relief panels
- Labeling the equipment with a registration sticker containing a unique serial number after passing the mechanical and performance test
- Preparing a test report with an overall assessment of the test results against the minimum requirements
- Archiving the test reports digitally as PDF files
- Providing the basic data needed to estimate exposure as part of the risk assessment process under TRGS 402 and DIN EN 689

## OPTIONAL AND MIX-AND-MATCH ADD-ON SERVICES

- Inventorying the relevant equipment and continuously updating the inventory to track deadlines for repeat tests
- Fixing problems under a separate quote or master contract
- No-hassle all-in-one package as part of a full-service contract:
  - Testing, maintenance and repairs
  - Trouble report for mechanical and ventilation problems
  - Fixing documented problems
  - Final report after fixing all problems

## YOUR BENEFITS:

- Comply with all laws and regulations
- Protect your processes and quality standards
- Predictable testing and repair costs
- Work with technical experts and government agencies
- Avoid downtime
- No unforeseen costs
- Systems stay running for a long time to come