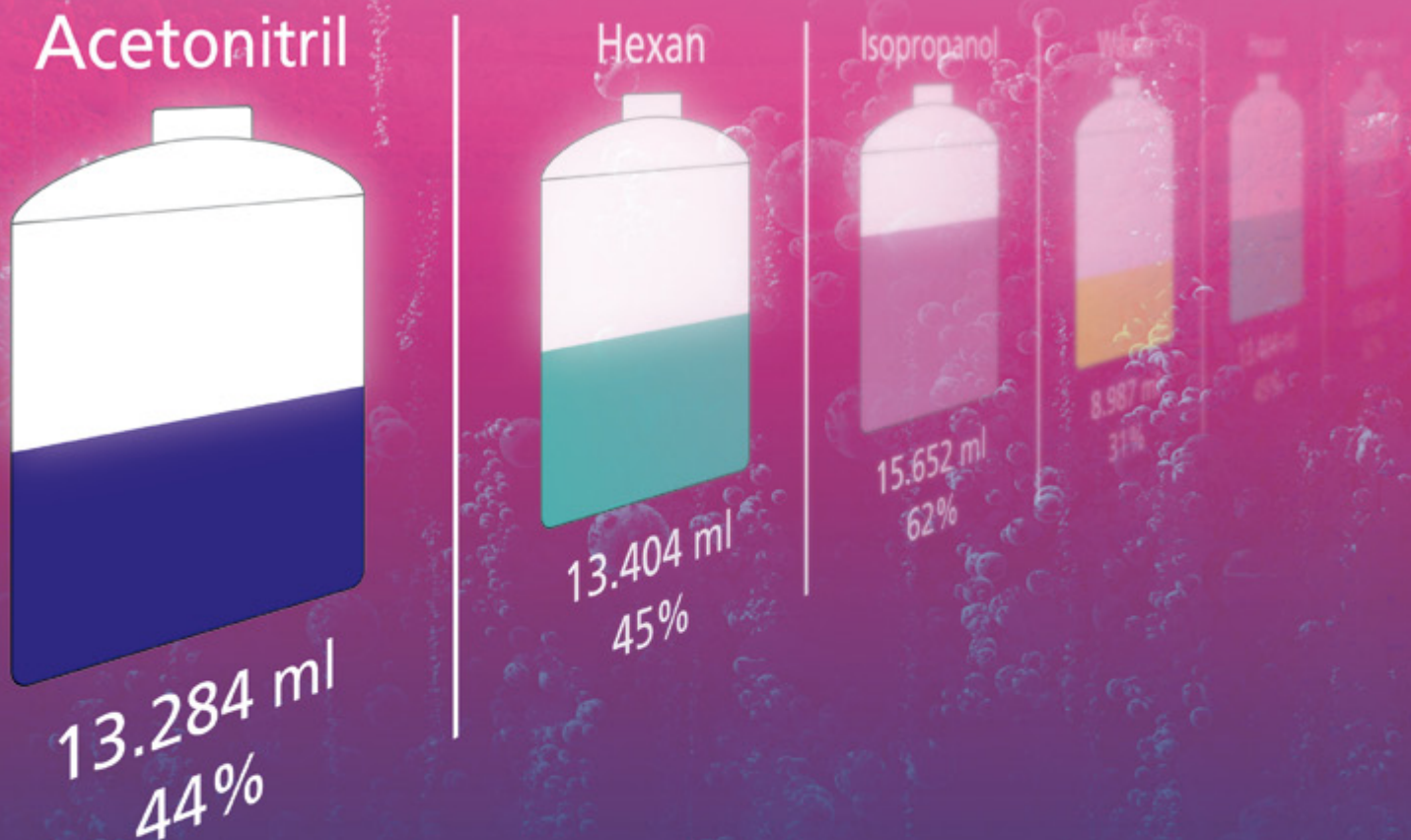


# Liquids management

Flexible, reliable solutions for you laboratory applications



## Managing liquids in your laboratory

Are you looking for a reliable way to control your laboratory systems safely and effectively?  
Would you like to be reliably informed about the contents of your containers?  
Should your high cost experiments and analyses be under continuous control?  
Is the safety of your employees, your company and the environment of great concern to you?  
Are you looking for an out-of-the-box solution that monitors your liquids centrally?

### You will be impressed by our solutions

- Individual consultation and customised systems for your requirements
- Direct contact with people who have expert knowledge

### Our products

- manage, measure and control your stocks, waste and media
- measure in containers with solvents, acids and alkalis
- provide the correct results even at high temperatures and under high pressure
- are very durable and provide reliable and precise measurements
- have ATEX approval
- measure in small laboratory bottles as well as in large tanks
- offer a complete solution for all aspects of level measurement and liquids management

From the waste container to the complete laboratory  
no task is too small or too big for our sensors.  
And, of course, the technology is always outstanding!

**Would you like more details or  
have a special problem?**

Contact us without obligation. We will find the  
ideal solution for you!

Tel:

+49/40/39 82 07-87

E-mail:

lab@fafnir.com

## FAFNIR – Innovation with tradition

FAFNIR has been developing and producing high quality and reliable sensors for petrol stations and process engineering since 1965. For almost 10 years we have been finding innovative solutions for laboratory applications. FAFNIR is the specialist for level and process monitoring, distinguished not only by outstanding innovation and quality but also by its great emphasis on consultation and service.



## Creating a safe laboratory environment for your employees

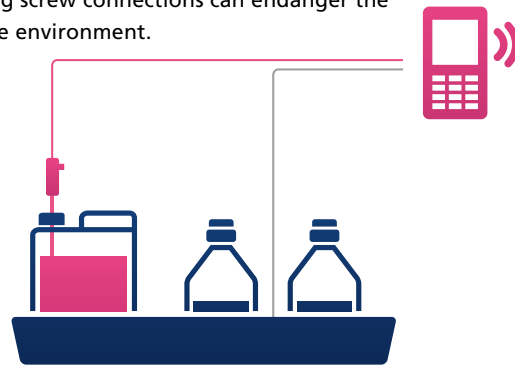
Overflowing waste containers, leaking bottles or leaking screw connections can endanger the safety of both your employees in the laboratory and the environment.

### Our solution

Our easy to install out-of-the-box solutions provide you with reliable monitoring to recognise immediately when liquid is overflowing or leaking and to inform you instantly of any changes.

### Proven application areas

Ideal for use in waste containers, collection trays, safety sumps and laboratory fume hoods.



## Greater control over your expensive analyses

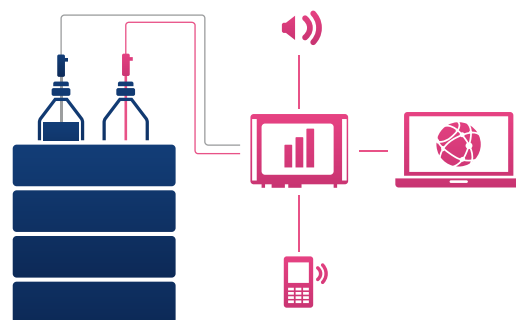
Solvent containers that run empty can cause separation columns of a HPLC system to run dry. Reconditioning the columns is costly and takes time, especially if in addition the samples being analysed are expensive.

### Our solution

We offer reliable monitoring of solvent supply and the waste containers to avoid the systems running empty and overflowing. You will receive timely information when action is next required.

### Proven application areas

Ideal for use in both analytical as well as preparative HPLC systems.



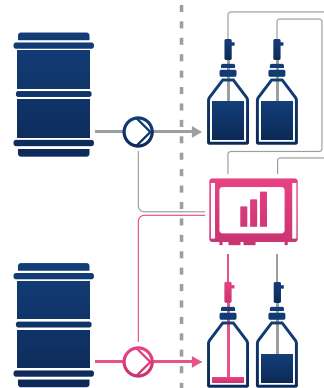
# Enabling management of centrally stored and distributed chemicals

You would like to implement a centralised supply of chemicals in your laboratory in order to increase laboratory safety and reduce chemical purchasing costs, although you are put off by the high cost of programming a control system.

## Our solution

We offer a reliable way to monitor large, centralised tanks and drums, regardless of whether they are situated in a basement, in a safety cabinet or outdoors.

When one container runs empty, supply is switched to the next. In addition it is possible to fill buffer containers in the laboratory automatically from a storage tank..



## Proven application areas

Ideal for the centralised supply of chemicals.



Direct access to the content of your containers via web browser. This makes it possible to plan the refilling of your liquids.



It is possible to define up to three alarm thresholds individually.



When an alarm level is reached, acoustic or visual alarms are emitted and valves and pumps switched via a relay output.



You are informed at all times and wherever you are via e-mail or SMS about warnings and alarms.



## Greater control over individual laboratory equipment

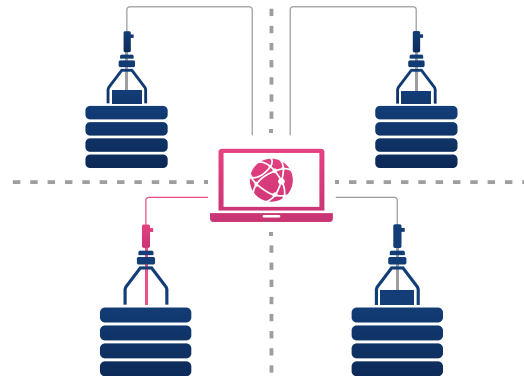
If equipment is spread over different sites in a building or in the grounds it is time consuming to control them individually so as to avoid the system overflowing or running empty.

### Our solution

We offer centralised remote monitoring of the level and threshold levels of the individual equipment ensuring the safety of the process even when you are not on site. Access via a web browser is possible at any time and from anywhere.

### Proven application areas

Ideal for the operation of analytical and preparative HPLC systems, storage and waste containers.



## Easy to use level measurement for laboratory experiments

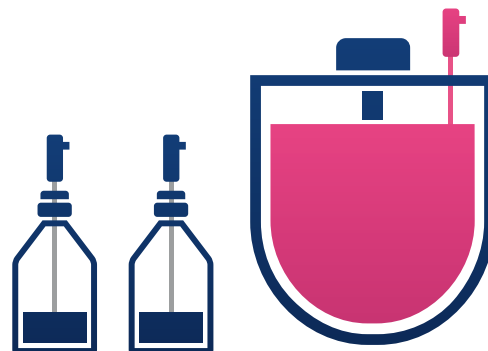
The experiment is complex and it is difficult to monitor the levels in the individual, small applications. Your task is to find a solution for this.

### Our solution

We develop solutions for you to be able to measure levels reliably – especially tailored to your applications in the laboratory. We find the right solution for you even for difficult requirements. Our sensors provide correct measurements even at high temperatures and high pressure.

### Proven application areas

Ideal for all level measurement in a laboratory.





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