

# Characteristics

## Detection based on DNA analysis

Specific and highly robust analysis. Covers all regulated serogroups (SG1-15) of the Legionella pneumophila pathogen.

## Widely validated detection method

Confirmed in real-world operation on a wide range of commercial and industrial facilities.

## Suitable for most treatment solutions

Insensitive to most biocides and other treatment products at commonly used concentrations.

## Possibility of interfacing simultaneously on several systems:

Monitoring of up to six systems and/or addition of a bottle rack for manual supply.

## Sensitivity above sanitary requirements

Detection limit: < 2,000 GU/L

Limit of quantification: < 5,000 GU/L

## Remote connection and DCS integration

SCADA and IIoT-Ready integration. 3G technology also available for remote monitoring.

## Quick and easy installation

Due to its design, BioAlert Lp15 typically installs in less than 3 hours.



Contact us for more information



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## Legionella monitoring for industrial equipment

Continuous and automated monitoring of legionella bacteria for the absolute protection of your installations

## Legionella puts your water systems at risk

In North America, legionnaires' disease affects more than 15,000 people annually; of this number, 10 to 15% will die. Several water systems are at risk of contamination with legionella bacteria and are subject to strict regulations that lead to management complexity as well as economic and legal risks for managers. Only frequent screening can adequately manage risk and keep equipment at all times below safety regulations.

## Secure your cooling equipment

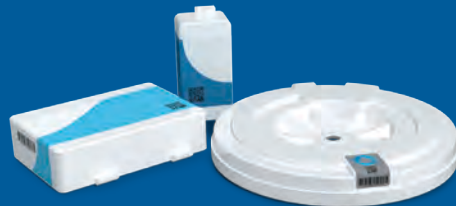
In order to provide an efficient and sustainable solution to our customers, the [BioAlert Solutions](#) team is proud to announce the launch of the [BioAlert Lp15](#) device, the first on-site integrated detector designed and validated for industrial and commercial cooling systems.

Installed on the water network, [BioAlert Lp15](#) is an automated and connected device allowing real management of contaminations with Legionella bacteria. Thanks to the daily monitoring of the system, [BioAlert Lp15](#) allows a treatment adjustment at the right time, thus preventing outbreaks of contamination and its consequences.

### BioAlert allows you to:

- ✓ React up to 14 days earlier than with analytical laboratories
- ✓ Guarantee the conformity of equipment at all times
- ✓ Secure operations, employees and customers
- ✓ Avoid the economic and legal consequences of contamination

**BUT MOST OF ALL:  
SAVES LIVES**



## The BioAlert technology offers you the best solution to control legionella bacteria



**Remote control and automated alerts**  
*SCADA and IIoT-Ready*



**On-site installation and automated operation**  
*No human intervention needed*



**Continuous sampling**  
*Daily monitoring of up to 6 systems*



**Easy maintenance**  
*Cartridge change in less than 5 minutes*



**Superior reliability**  
*97% responsiveness to Legionella pneumophila*



**Daily analysis**  
*Detection limit: < 5,000 GU / L  
Quantification limit: < 10,000 GU / L*

## A team at your service

Our team is available to visit your facilities to establish your needs and the most appropriate level of service for your equipment.

### Available for sale or rent

Whether through the sale or rental of [BioAlert](#), we offer various advantageous formulas for the acquisition of our unit.

### Several levels of services available:

- Installation and calibration
- Management and delivery of consumables on-site
- Consumable change and monthly maintenance service
- Half-day training on use
- Calibration with your analysis laboratory

## An innovative solution for continuous monitoring

- ✓ Proactive management - Immediate response to contamination
- ✓ Maximizes the use of biocides through continuous monitoring
- ✓ Improve your environmental footprint



**BioAlert revolutionizes the control of legionella**