

# legiolab<sup>®</sup>

## COOLING TOWER LEGIONELLA DETECTION



**Legiolab** is an online system for Cooling Tower Legionella detection and quantification. **Legiolab** automatically performs sampling and analysis of Legionella providing a reliable result within an hour.

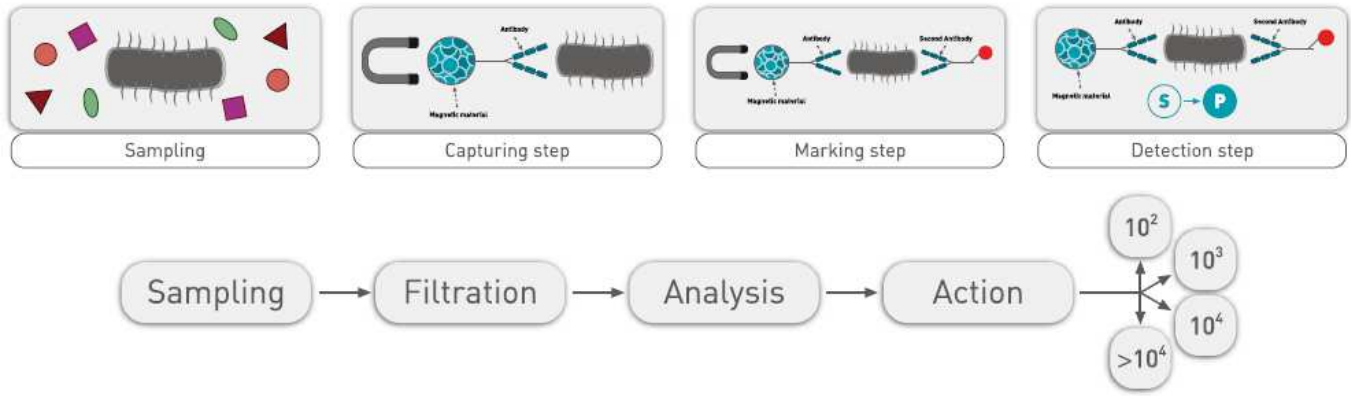


**Legiolab** allows you to monitor the amount of Legionella present in the cooling tower in real time from anywhere, through your mobile device, a mail or any computer. Schedule your auto control system strategy and adjust a biocide application as needed, receive alerts and act accordingly and immediately.

**Legiolab**, the reassurance of being always informed.



# Technology



Based on the product - **Legipid** – Legionella Fast Detection (AOAC Research Institute certificate 111101) Legiolab uses magnetic microspheres activated with antibodies capturing Legionella intact cells in complex water matrices (cooling tower). Through an advanced magnetic catch, **Legiolab** traps particles with Legionella avoiding interference from other substances and microorganisms. Final colorimetric reaction provides a reliable Legionella quantification in the sample.

Keep informed about Legionella level at all times to take timely steps.

## Specifications

### CHARACTERISTICS

Sampling feeder	YES
Filtration / Concentration / Elution	YES
Analysis	YES
Analysis results reading	YES
Display results	YES
Automatic filter feeder	YES
Automatic cartridge feeder	10 units
Cartridge batch traceability	YES
Communications	Modbus TCP/IP.Http server
Internal Climatization	25°C

### OPERATION

Out Temperature Range	-10° to +40°C
In Operation Temperature	25°C
Display	Character display monocrome

### OTHER SPECIFICATIONS

Dimensions [HxWxD] mm	1500x1360x550
Weight	175 Kg
Power supply	AC 220V / 50-60Hz
Power consumption	1,25 KW max
Sample inlet pressure	0-1 bar

