

NANCREDE ENGINEERING CO.

The Lab Culture method is slow and cannot detect VBNC *Legionella*, proven to infect.

Get *Legionella* results you can trust in 25 minutes with Hydrosense.



RAPID

The **world's fastest *Legionella* test.**
Get results on-site for the strain of *Legionella* that causes practically all Legionnaires' disease cases and outbreaks in only 25 minutes.

ON-SITE

Results obtained on-site. Removes risks associated with transportation of samples.

SELF-TEST

Simple to use, no specialist training required. One line means that *Legionella pneumophila* SG1 has not been detected, two lines mean that action should be taken to deal with *Legionella* present. Optionally, the app reader can verify test results independently.

DETECTS VBNC

Detects VBNC *Legionella* bacteria, proven to infect but undetectable via the lab culture method.

CONNECTED

Results can be stored and shared in real-time with the Hydrosense Pro App and Portal, providing an independent audit trail and facilitating immediate action.

Why would you wait days for test results?

Reduce Your Risk.
Take Corrective Action Faster.
Protect Your Reputation.



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www.legionellacontrols.com



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The difference between outbreak and containment could be as simple as the time wasted in a lab.

Truth is, conventional testing methods are slow and disconnected. That's why we developed Hydrosense, an immediate, simple, on-site test that makes water systems safer.

WHY CHOOSE HYDROSENSE?

Mitigate your risks

Hydrosense reduces public and employee health risk by minimizing the time taken to identify *Legionella* bacteria.

In parallel with periodic lab testing, or as a continuous monitoring tool, this simple test allows your organization to maintain vigilant control on water system quality.

Make better-informed decisions, faster.

Hydrosense improves detection rates of *Legionella* [SG1] bacteria and provides results, on-site within minutes.

Further verification is provided by Hydrosense Pro tools: an innovative smartphone reader and the Hydrosense portal. Recording test information while analyzing data helps to create a complete picture of *Legionella* contamination risk and a roadmap to prevent future outbreaks.

Protect your reputation

Reputation drives revenue. For the **water service industry**, Hydrosense can provide client peace of mind. Our smart, simple test ensures that you maintain a high standard of service and improve long term customer value.

Industries reliant on clean water systems, such as **shipping, mining, oil & gas**, have to make sure that people are protected in off-shore or remote locations.

Closer to home, **hospitals and hotels** are fast-moving environments where situations can change in a heart-beat. Real-time water testing keeps these organizations one step ahead.

HOW DOES IT WORK?

The Hydrosense test detects *Legionella pneumophila* antigen using well-established lateral flow test technology, which is used in many medical tests. The test works just like a pregnancy test. One line indicates a negative result and two lines mean a positive result.



The range includes a basic water test as well as biofilm kits and highly sensitive test kits with a filter.

	Single Syringe <i>Legionella</i> Field Test™ Kit	Industrial <i>Legionella</i> Field Test™ Kit	Swab <i>Legionella</i> Field Test™ Kit	Risk Assessment <i>Legionella</i> Field Test™ Kit	Direct <i>Legionella</i> Field Test™ Kit
Sample Any Water Source	•	•		•	•
Sample Biofilm			•	•	
Direct Pipe Fitting		•			
Filtration To Enhance Sensitivity	•	•	•	•	
Limit of detection: 100 CFU/L	•	•		•	
Limit of detection: 200 per swabbed area			•	•	
Limit of detection: 100,000 CFU/L					•
Test Time (from test to result)	< 35 minutes	< 35 minutes	< 35 minutes	< 35 minutes	25 minutes
Tests Included	1	5	5	2 Water, 2 Swab	10
Part Number	100198	100182	100144	100202	100104
Other Details	Simple and flexible. Allows sampling water from any source. Filtration enhances sensitivity.	Used where repeated sampling is required. Includes industrial sample point that installs into plumbing connections.	Allows sampling of biofilm where <i>Legionella</i> typically grows. Very useful for locating source of infection.	Contains water and swab tests. Useful for overall risk assessments.	Simplest, fastest, lowest cost per test. Frequent sampling at lower sensitivity.