

# PROACTIVE. PREDICTIVE. PEACE OF MIND.



## Introducing WCR H<sub>2</sub>ygenTest™ Integrity Testing

Your heat exchangers work hard, and their plates and gaskets are key components to that success. One small breach can lead to a huge headache for your entire operation, often shutting it down completely. That's why you need to be proactive in monitoring and maintaining their reliability before they can possibly fail. That's why WCR has invested in the only predictive tracer gas testing technology in the world.



TRACER GAS  
INTEGRITY TESTING



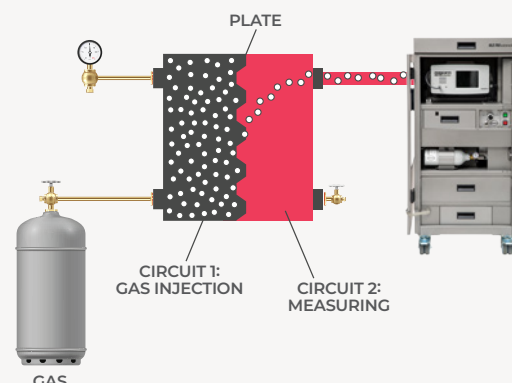


## Take a Closer Look

WCR H<sub>2</sub>ygenTest™ is a thorough system integrity test designed specifically for the food, beverage and dairy industries. By flushing your system with environmentally-safe tracer gases, it can detect the smallest cracks in your plates and gaskets that liquid can't yet permeate. If the WCR H<sub>2</sub>ygenTest™ tests find a flaw, you can schedule maintenance before an emergency and a possible shutdown. Implementing a WCR H<sub>2</sub>ygenTest™ program offers you peace of mind you've never had before.

## How It Works

1. A non-toxic, non-flammable mix of hydrogen and nitrogen is pumped through your heat exchanger.
2. Within 15 minutes (per section), WCR H<sub>2</sub>ygenTest™ precision sensors detect any discharge of gas and identify the type of flaw that allowed the breach.
3. Heat Exchanger to be opened only if failures are identified and replacements required.



## Better Than The Rest

WCR H<sub>2</sub>ygenTest™ Integrity Testing is the most thorough method of field testing available today, detecting not just microcracks, but also corrosion, fatigue and leakage that fluid testing and helium testing simply cannot. Keep your operation running at its most efficient and reliable.

Method	Inspection Range					
	Plate Cracks	Micro Cracks > 30 µm	Micro Cracks < 30 µm	Corrosion	Material Fatigue	Gasket Conditions
Pressure Test	✓	✗	✗	✗	✗	✗
Conductivity Test	✓	✗	✗	✗	✗	✗
Tracer Fluid Test	✓	✓	✗	✗	✗	✗
Dye Test	✓	✓	✓	✗	✗	✗
Helium Test	✓	✓	✓	✗	✗	✗
WCR H <sub>2</sub> ygenTest™ Integrity Test	✓	✓	✓	✓	✓	✓



Contact us today and schedule your test.

**1-800-421-4927**  
**wcrhx.com**

