

SPX Gappscan

ON-SITE LEAK DETECTION



AVOID PRODUCT CONTAMINATION AND LOST PRODUCTION

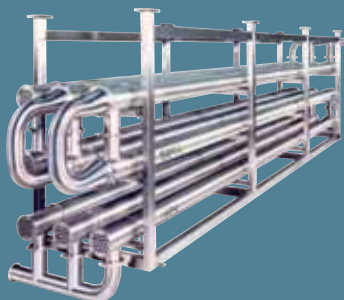
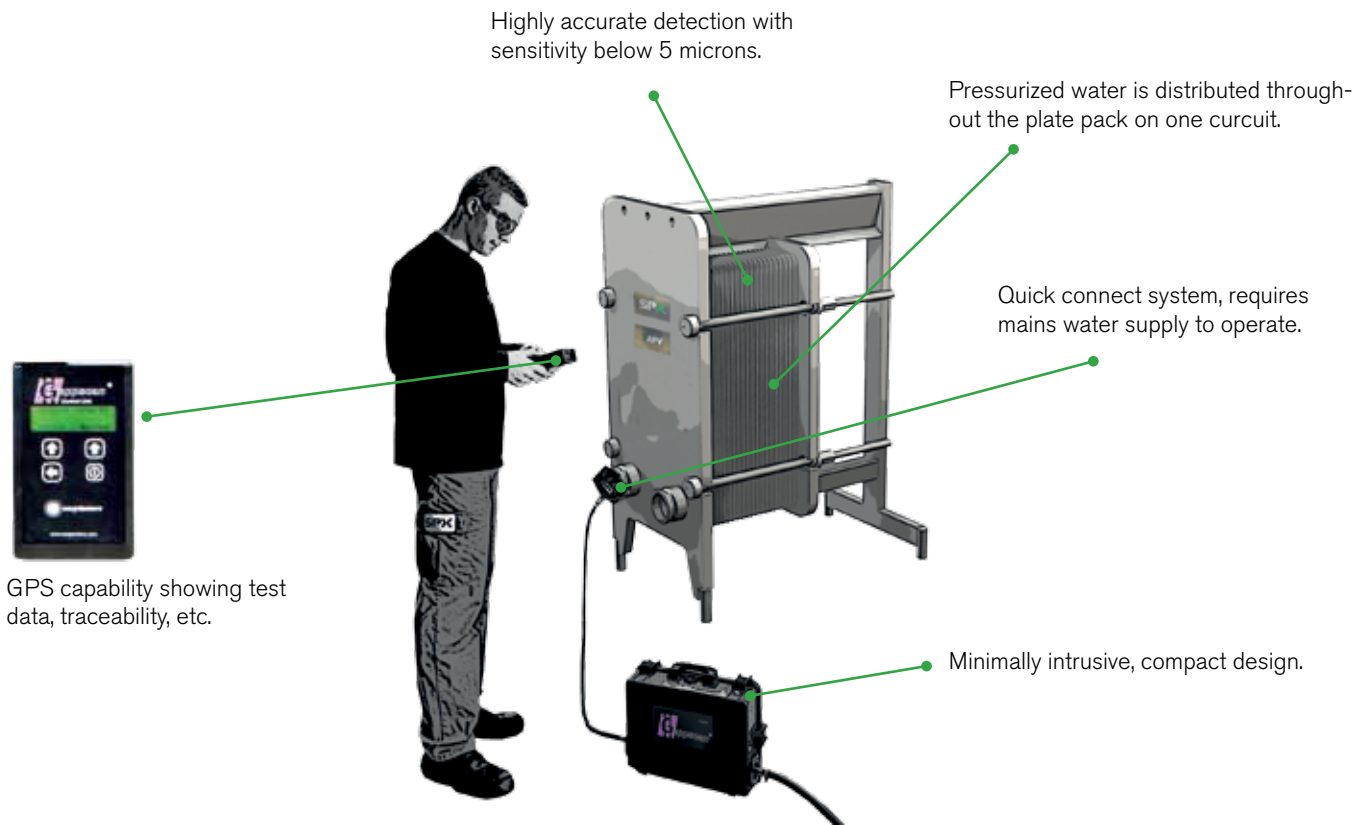
Micro cracks and holes in heat exchangers, pressure vessels, heater coils and jacketed tanks can result in product contamination due to service liquid leakage.

Until now these defects have been difficult to diagnose and locate without dismantling the equipment and possibly having to remove potentially hazardous liquids. This process is time-consuming and can lead to significant loss of production, regardless of the outcome.

UNIQUE, NON-INTRUSIVE LEAKAGE DETECTION SERVICE

The certified SPX Gappscan on-site inspection service can detect internal defects down to very fine cracks. It provides reliable estimation of an equivalent hole size, thus enabling assessment regarding continued monitoring, planned repair interval, or immediate shutdown.

HOW IT WORKS



WHAT YOU GET

You receive an ISO 9000 compliant test certificate containing:

- Test data
- Calibration data and traceability data
- SPX expert certification
- Customer quotation for execution of the necessary remedial work

This enables you to decide whether or not to perform a repair on the spot or to continue using the equipment until it is due for scheduled maintenance.

A defect that has no immediate impact on production can be regularly monitored in order to prevent cross contamination of the finished product whilst in production.

RESULT

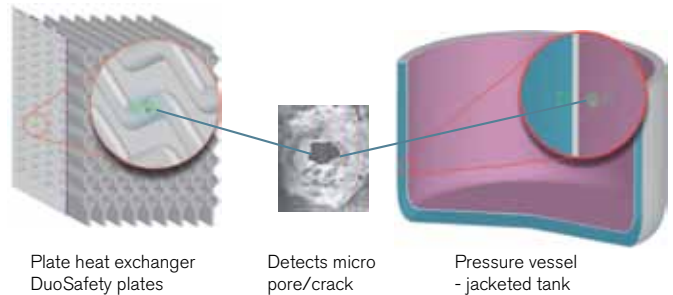
- Leakage flow rate is determined and the size of any defect is estimated
- GPS unit records positional and time-dependent information
- The SPX qualified inspector can provide an immediate assessment of action required

YOUR ADVANTAGES

- Substantially reduced risk of product contamination
- Substantially reduced or no unscheduled downtime for repairs
- Consistent end-product quality
- Substantially reduced risk of returns due to product contamination
- Lower overall cost of production

SPX GAPPSCAN FOR HEAT EXCHANGER LEAKAGE DETECTION

SPX Gappscan is the only technology available for reliable detection of cracks and holes without dismantling. In specific applications, involving ammonia, glycol or other hazardous media, just one circuit of the heat exchanger can be drained to perform the test. The on-site inspection takes only a short time and can be performed as part of scheduled maintenance, thus avoiding unnecessary production loss.



SERVICE AGREEMENT

You can benefit from additional advantages by entering into an SPX Service Agreement including SPX Gappscan inspection. An SPX Service Agreement can be customized to your specific needs with the purpose of ensuring maximum performance and lowest possible cost of ownership of your SPX equipment.

FIND OUT MORE

Setting up a test for your heat exchanger, tank or vessel is simple:

- Contact your local APV location (details at www.apv.com)
- Provide specific details of your heat exchanger, heater coil, tank or vessel including model number, serial number, size and application
- Specify test type - validation or routine preventative maintenance



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DETECTION

SPX GAPPSCAN LEAK DETECTION – NINE GOOD REASONS

1. Inspection by certified SPX heat treatment equipment expert – assurance of correct calibration and inspection procedure
2. No equipment dismantling – minimum disruption
3. Fast test process – minimum downtime
4. Eco-friendly – no chemicals, gases or other media
5. Sensitivity below 5 microns and pass/fail threshold is equivalent of a single 20 micron hole in the apparatus. Monitoring recommended for intermediate results
6. Rapid result – on-the-spot assessment of necessary action
7. Test certificate – including GPS equipment traceability and display of liquid contamination volume
8. ISO 9000 compliance – compatibility with your internal records
9. Full repair service available from nearest SPX location

Please visit www.spx.com for more information on the complete range of SPX products, service and spare, systems and solutions.

ABOUT SPX:

Based in Charlotte, North Carolina, SPX Corporation (NYSE: SPW) is a global Fortune 500 multi-industry manufacturing leader. For more information, please visit www.spx.com

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