

LIXI Profiler

Perform complete, real-time
non-destructive testing



The LIXI Profiler Rapid Scanning Tool for Pipe Assessment

The LIXI Profiler applies Radiometric Profiling (RP), the only NDT technology that detects and measures critical indications of the state of piping without touching a thing.

This fast, real-time non-destructive testing technique measures changes in a beam of gamma-ray energy as it passes through the sample being inspected. The beam source is positioned on one side of the pipe with the detector is on the other side of the pipe, measuring everything in between the source and detector.

The Profiler has proven to be an excellent tool for detecting CUI, High Temperature Sulfidation Corrosion (HTSC), moisture in insulation, liquid levels in piping, and verifying if gate valves are fully open. RP is the preferred NDT method for identifying CUI in the refrigeration industry.



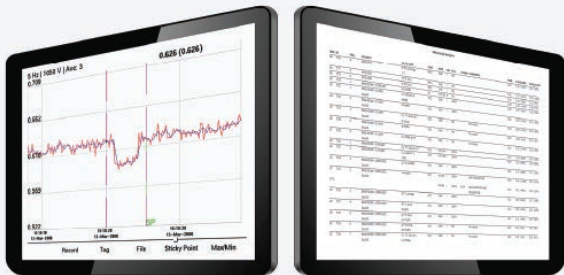
- ✓ Instant measurements allow for on-the-spot analysis and further investigation of anomalies.
- ✓ RP presents no radiation exposure or safety risk; testing can occur during normal hours of operation with plant and facility staff present with no radiation barriers required
- ✓ Test piping and components in their current state - no insulation removal or surface prep necessary
- ✓ Lightweight and battery operated for complete portability
- ✓ Assembled, calibrated and ready to use in minutes



LIXI, Inc.
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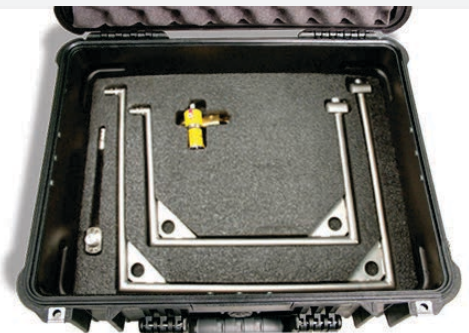


Collect reliable data
with ease.

The Profiler reads and reports on straight run, congested and suspended pipe, elbows, tees, reducers, and all piping components:

- + Test pipe diameter 1/2" to 24"
- + Test pipe wall thickness up to 3/4"
- + Detect indications as small as 1/4" diameter
- + Locate blockage and fouling, weld lines and change in pipe schedule as well as components including injection nozzles, thermocouples, etc.
- + Measure all corrosion, erosion, wall thickness, iced/wet insulation and liquid levels

The LIXI Profiler System



Includes:

Detector Module

Detector handle 15 lbs.
(2) Detector assembly cable
Detector extension assembly cable

Rugged Purpose Built Computer

11" x 8" x 1.5", 2.5 lbs., Aluminum case
5.5" x 4" Daylight readable screen
(2) Computer cables
UniConnect module

USB keyboard

TG-41 Source Holder Device

Source holder padlock with (2) keys
Source holder allen wrench
Gd-153 (up to 1.3 Ci) sealed source
UN2911 Excepted Pkg.

Battery Brick

8" x 5" x 3", 6 lbs.
190 Wh of power for a long day of use

Battery charger & AC power cord

(2) Battery brick cables
18 inch C-arm (2) allen screws
13 inch C-arm (2) allen screws
6 inch C-arm with (2) allen screws
C-arm allen wrench
Carrying/Shipping Case with 2 Keys
26" x 19" x 16", 65 lbs. with contents



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