

LIXI Profiler

Perform rapid, real-time
non-destructive testing

The LIXI Profiler applies
Radiometric Profiling,
a proprietary technology.

RP is the only NDT technology that detects and measures critical indications of the state of piping and vessels 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
- ✓ 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.
120 S Lincoln Avenue
Carpentersville, IL 60110

www.lixi.com
847.844.XRAY(9729)
info@lixi.com

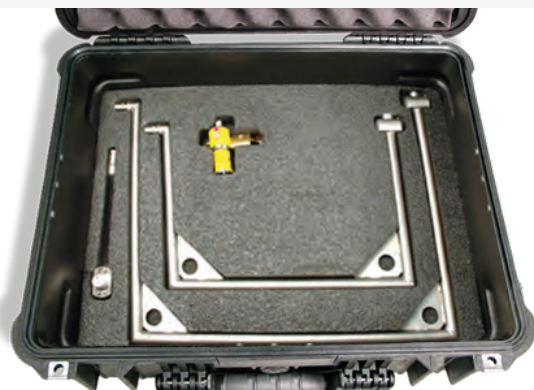
LIXI Profiler



Collect reliable data
with ease.

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

- + Test pipe or vessel diameter 1/2" to 24"
- + Test 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.



Gamma Ray Based System

Uses Gd-153 (up to 1.3 Ci)
No radiation barricade required
Detector Handle weight 15 lbs.
UN2911 Excepted Pkg.

Includes:

Carrying Case with (2) Keys
Detector Module
(2) Detector Assembly Cables
Detector Extension Assembly Cable
Computer Module
(2) Computer Cables
UniConnect Module
USB Keyboard
Battery Brick

Battery Charger & AC Power Cord
(2) Battery Brick Cables
TG-41 Source Holder Device
Source Holder Padlock with (2) keys
Source Holder Allen Wrench
6 inch C-arm with (2) allen screws
13 inch C-arm (2) allen screws
18 inch C-arm (2) allen screws
C-arm Allen Wrench



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