



Vaporless Manufacturing, Inc.

Quality Petroleum Equipment Solutions For Over 20 Years

# LDT-890 and LDT-890\AF Leak Detector Testing System



**Fast**  
**Accurate**  
**Compact**  
**Ready to Use**

- Factory Certification for Catastrophic Annual Testing and Troubleshooting
- LDT-890\AF for Alcohols, Biodiesel and some chemical applications
- Ensures regulatory compliance
- Saves time, builds profits
- Any Pipeline System
- Performs 3 GPH @10 PSI
- Precision or Functional Test
- Performs System Diagnostics; trouble shooting
- Accurate Viscosity adjusted leak rate

**New Model.** The **LDT-890\AF** is designed for today's "Bio" fuels. While typical blends of Ethanol and Methanol through 20% concentration are fine for the standard LDT-890, higher concentrations and Biodiesel blends above 5% will shorten the service life of the standard LDT-890. The **LDT-890\AF** is recommended for Ethanol and Methanol blends above 20% and Biodiesel blends above 5%. Additionally, the **LDT-890\AF** will work with many chemical applications, as well as today's traditional gasolines, diesel and aviation fuels!



Designed and Manufactured in U.S.A.

## FEATURES

**COMPACT** - The LDT-890 comes ready to use. Aluminum case includes: calibration system, easy to read stainless steel pressure gauges, attachment hoses with quick connect fittings, test port bushings and accurate laboratory quality shatterproof polypropylene graduated measurement beakers. Dimensions: 16.0 in. high, 16.0 in. wide, 7.25 in. deep.

**CLEAN** - with dry break fittings, there is little mess or spillage.

**COMPATIBLE** - with all mechanical line leak detectors and electronic line leak detectors.

**PRECISE** - on-site confirmation of leak rate and pressure eliminates guesswork and human error. Laboratory like testing in field conditions. *Unlike other equipment*, the LDT-890 *automatically compensates for fuel viscosity*, setting the correct leak rate for annual regulatory testing.

**FAST** - makes it possible to test multiple leak detectors at one location with amazing savings in operator time.

**PROFITABLE** - easy setup and operation of the LDT-890, plus customer satisfaction and peace of mind, result in repeat business and increased profit margins.

**RELIABLE** - reduces replacement of good leak detectors. Meets manufacturer's specifications and EPA regulatory standards.

## WHY THE LDT-890 TESTING SYSTEM?

- As government and private studies have demonstrated, most fuel contamination from UST systems occurs from pressurized lines.
- EPA regulations governing leak detectors require annual testing of all line leak detectors.
- The LDT-890
  - accurate viscosity adjusted leak rate.
  - determines whether air is present in the line (bleed back test).
  - performs the pressure step test.
  - measures to confirm the actual volume of the 60 second leak test.
  - simulates dispenser nozzle activation during leak test to confirm 3 GPM "slow flow".

## LABORATORY IN THE FIELD

**BEFORE:** Leak detector testing had no calibrated leak measurement system.

**NOW:** The LDT-890 System eliminates guesswork. In its unique calibration mode, it provides on site verification of leak rate.

- The LDT-890 is capable of simulating leaks between 1 and 5 gal. per hour @ 10 PSI.

## WARRANTY INFORMATION

Equipment is warranted to be free from defects in materials and workmanship for a period of 18 months from the date of sale (see Warranty Card for details).



02/08

Vaporless Manufacturing, Inc.  
8700 East Long Mesa Drive  
Prescott Valley, Arizona 86314

Toll Free: 1-800-367-0185  
Phone: (928) 775-5191  
Fax: (928) 775-5309

**Web Site: [www.vaporless.com](http://www.vaporless.com) • Email: [vmi@vaporless.com](mailto:vmi@vaporless.com)**