

Halon 1301 Identifier

Neutronics Halon HI-3000™ Refrigerant Identifier

Displays Purity of Halon 1301

The HI-3000 Halon Identifier analyzes liquid samples of Halon 1301 taken from storage cylinders. The instrument displays percentage purity of the Halon 1301 and identifies and displays percentages of the most likely contaminants: Halon 1211, R12, R22 and R134a. By correctly identifying the contents of Halon 1301 storage cylinders, contamination of expensive Halon 1301 can be eliminated.

Features

- Ultra Fast Analysis and Simple to Use
- Assures Purity of Halon 1301 and Identifies Contaminants
- Displays Percentages of Halon 1301 and Contaminants When Halon 1301 is 95% Pure or Greater
- Displays Halon 1211, R12, R22, and R134a as Contaminates
- Printer Output Port
- Unique Infrared Gas Sensor System
- Portable and Light Weight
- Automatic Self-Calibration



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Simple to Use

A series of LED lights guides the user through a simple operating procedure. The HI-3000 has 5 modes of operation:

1. WARM UP

During the WARM UP mode, the system is purged with air and is automatically calibrated.

2. READY

When the unit displays READY, the identifier is prepared for the test.

3. SAMPLE

In the SAMPLE mode, a sample is drawn from the cylinder.

4. IDENTIFICATION

During IDENTIFICATION, the identifier analyzes the gas and displays the results. At this point, a printer can be attached for a hard copy printout for record keeping and certification of cylinders.

5. PURGE

Finally, the identifier PURGES the sample gas, automatically calibrates itself and returns to the READY mode.



Part of a Growing Line of Identification Instrumentation

The HI-3000 is part of the growing Neutronics line of high-technology gas analysis. The Neutronics automotive refrigerant analyzers also use NDIR technology to identify R12, R22, R134a, R1234yf, hydrocarbons and “air” with +/-2% accuracy. The stationary HVAC/R refrigerant analyzer accurately distinguishes between R22, R32, R134a, R404a, R407C and R410. Neutronics refrigerant analysis develops all of the identifiers and analyzers to help prevent costly cross-contamination in Refrigeration and Halon systems.

SPECIFICATIONS:

Operating Temperature:	50° to 100° F (10°-38°C)
Case Dimensions:	17.5" W x 7.0" H x 10.5" D
Weight:	15 Pounds
Power:	110/220VAC 50/60 Hz
Sample Time:	≈ 35 Seconds
Purge/Calibration Time:	≈ 35 Seconds
Input Pressure:	Up to 600 PSIG



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