H25-IR PRO Gas Leak Analyzer

Industrial-grade Refrigerant Leak Analyzer

Advanced leak quantification technology

LS-25 Leak source

(Optional)

DESCRIPTION

MSA Bacharach's H25-IR PRO is an industrial-grade refrigerant leak detector and gas analyzer that uses proprietary leak quantification technology for accurate and reliable operation. Capable of detecting over 40 commonly used refrigerants and halogen gases, the H25-IR PRO even detects R600a and R-290. Used to locate and quantify gas leaks, the H25-IR PRO can also summate a group of leaks in a system.

A new menu system simplifies set up and operation while preserving digital numeric leak rate display.

Features	Benefits
Exclusive NDIR Sensor Technology	Fast response to leaks - Under 1 second Detects leaks as small as 0.03 oz/yr (0.9 g/yr)
Equipped with Advanced Leak Quantification (ALQ) Technology	Saves time by eliminating the need for periodic adjustments to a calibrated reference leak source
Infrared Technology	Quickly and accurately pinpoint leaks. Extend sensor life and minimize false alarms.
Automatic calculation of leak rate regardless of flow rate	Quickly provides numeric leak rate display
Assortment of various sized probes	Fits specific applications
Data logging and comprehensive diagnostics	Keep track of system parameters

Part Number	Description
3016-1311	H25-IR PRO, CFC/HCFC sensor, 6 ft Smart Probe, US power cord
3016-1321	H25-IR PRO, CFC/HCFC sensor, 12 ft Smart Probe, US power cord
3016-1211	H25-IR PRO, CFC/HCFC sensor, 6 ft LED button probe, US power cord
3016-1221	H25-IR PRO, CFC/HCFC sensor, 12 ft LED button probe, US power cord
3016-1111	H25-IR PRO, CFC/HCFC sensor, 6 ft Std. probe, US power cord
3016-1121	H25-IR PRO, CFC/HCFC sensor, 12 ft Std. probe, US power cord
3016-3211	H25-IR PRO, R600a sensor, 6 ft Smart Probe, US power cord
3016-1322	H25-IR PRO, CFC/HCFC sensor, 12 ft Smart Probe, "G" type power cord
3016-1323	H25-IR PRO, CFC/HCFC sensor, 12 ft Smart Probe, "I" type power cord

MORE INFORMATION:

Scan the QR code to learn about the H25-IR PRO and other MSA Bacharach products.

IM Environmental Equipment Germany GmbH
In der Klinge 5/2 | 74078 Heilbronn | Germany
Tel.: +49 7131 200064 | Fax: +49 7131 200066
info@imgmbh.de | www.im-gasanalysis.com

Ingeniously sMart Gasanalyse

SAFEGUARDING PEOPLE, PLACES, & THE PLANET

H-10 PRO Refrigerant Leak Detector

Product Attributes	Description
DETECTABLE GASES	FA188, FC72, H1211, H1401, H2402, HFO1233zd, HFO1233ze, HFO1234yf, HFP, N1230, N4710, N7100, N7200, N7300, N7600, R-113, R-114, R-123, R-124, R-125, R-134a, R-21, R-22, R-227, R-23, R-236fa, R-32, R-401A, R-402A, R-402B, R-404A, R-407A, R-407C, R-407F, R-408A, R-409A, R-410A, R-422A, R-422D, R-424A, R-426A, R-427A, R-438A, R-448A, R-449A, R-452A, R-452B, R-500, R-502, R-503, R-507, R-508B, R-513A, R-514A,R-12,R-245fa
OPTIONAL GASES DETECTED	R-600a, R-290, SF6* (Optionals require an alternate NDIR bench installation in the H25-IR PRO)
DETECTION METHOD / SENSOR	Non-Dispersive Infrared (NDIR)
MEASUREMENT UNITS	oz/yr, g/yr, mL/s, PaM3/s, ppm
MEASUREMENT RANGE	0.03 to 5.00 oz/yr, 0.85 to 142 g/yr, 0 to 1,000 ppm, 0.08 × 10-5 to 100 × 10-5 PaM3/s, 0.08 × 10-5 to 100 × 10-5 mL/s
WARM-UP TIME	60 seconds to begin use
MEASUREMENT ADJUSTMENT	Possible with Bacharach's optional external leak source unit of a known gas type and leak rate
OPERATING MODES	Search: Detects presence and location of gas leaks. Measure: Calculates and displays leak rate
RESPONSE TIME	Less than 1 second, typical (dependent on probe-hose length)
SENSITIVITY	0.03 oz/yr (0.9 g/yr) for most gases
RESOLUTION	0.1 leak units
PPM ACCURACY	±10% of reading (or ±1% if recalibrated using a known concentration of most gases)
TEMPERATURE DRIFT	±0.3% of reading per °C
RELAYS	Four SPDT relays rated at 2A at 250 VAC (inductive) 5 A at 250 VAC (resistive) Programmable to energize under 11 different operating conditions
AUDIO SPEAKER	Audible indication of leak level
OPERATING TEMPERATURE	32° to 122° F (0 to 50° C)
STORAGE TEMPERATURE	-4° to 122° F (-20 to 50° C)
AMBIENT HUMIDITY	5 to 90% RH, non-condensing
AC POWER	100 to 240 VAC, 50/60 Hz
DIMENSIONS	4.00 × 10.75 × 15.50 in (101.6 × 273.1 × 292.7 mm)
WEIGHT	18 lbs (8.2 kg)
WARRANTY	2-year full warranty on instrument
APPROVALS	CE Mark, EN 50270:2015, EN 55011:2009/A1:2010, EN 61010-1 / IEC 61010-1, UL 61010-1 / CSA 61010-1

** The H25-IR PRO is not designed or certified for intrinsic safety and may not be suitable for use in certain environments*

H25-IR PRO Probe Options

Smart Probe

Features an LCD display to show leak rate and an LED indicator to signal the leak rate frequency or a defined threshold. Most functions, setups and features can be accessed via the probe's keypad.

LED + Button Probe

Features a button to zero the unit or switch between search and measure modes. The LED provides visual feedback of the leak rate frequency or a defined threshold.

Standard Probe

Features a flexible hose to pinpoint leaks. Does not provide visual feedback or allow user input.

4900-004-MC / 04.2017

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit ***MSAsafety.com/offices***.

*MSASafety.com/**Bacharach***

IM Environmental Equipment Germany GmbH
In der Klinge 5/2 | 74078 Heilbronn | Germany
Tel.: +49 7131 200064 | Fax: +49 7131 200066
info@imgmbh.de | www.im-gasanalysis.com