LEAK DETECTION



II 3 G Ex ic IIA T5 Gc

LS4X

LEAK DETECTOR, REFRIGERANT GAS

PRECISION LEAK DETECTION

CPS HIGH-SENSITIVITY REFRIGERANT LEAK DETECTOR FOR R32 AND R1234YF WITH ATEX ZONE 2 APPROVAL

BENEFITS

- ATEX Certified Zone 2 – NE non-hazardous zones.
- Long-life, stable sensor with a rated life of more than 10 years.
- Three adjustable sensitivity levels with automatic calibration & ambient reset.
- More than 20 hours of continuous battery life using four AA alkaline batteries.
- Instantaneous response with approximately 1-second minimum detection time at 1 g/yr.
- 128 × 160 full-color graphic LCD with user-friendly messages & error screens.
- 1.0 g/yr maximum sensitivity for R32 and R1234yf.
- True mechanical pump for responsive sample flow.
- Audio mute function, low-battery indicator and comfortable Santoprene handle grip.
- 2-year warranty, including sensor.

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WARRANTY 2 YEARS GUARANTEED

CPS-Products N.V.
Entrepotstraat 3, 9100 Sint-Niklaas, Belgium
Phone: 0032 3 281 30 40
E-mail: info@cpsproducts.be
Website: www.cpsproducts.be

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SPECIFICATIONS

Model #	CPS LS4X
Sensitivity Maximum	1 g/yr R32; 1 g/yr R1234yf
Sensor Life	> 10 Years
Sensor Type	Long Life CMOS
Response Time	Instantaneous
Power Supply	4 AA Alkaline Batteries
Battery Life	> 20 Hours Continuous
Warm-up Time	30 Seconds
LCD Display	128 × 160 Full-Color Graphic Display
Probe Length	17 in
Weight	680 g / 1.5 lb
Warranty	2 Years (Includes Sensor)
Product Markings	Ex II 3 G Ex ic IIA T5 Gc

EN14624/2012 TEST SPECIFICATIONS

Test Parameter	Performance
Minimum/Maximum Sensitivity Threshold (fixed)	1 gm/yr minimum; > 50 gm/yr maximum
Minimum/Maximum Sensitivity Threshold (moving)	3 gm/yr minimum; > 50 gm/yr maximum
Minimum Detection Time (1 gm/yr)	Approx. 1 sec
Clearing Time	Approx. 9 sec after exposure to > 50 gm/yr
Minimum Threshold after Maximum Exposure	1 gm/yr
Sensitivity Threshold in Polluted Atmosphere	1 gm/yr
Calibration Frequency	1/yr check with calibrated leak standard

PACKAGING SPECIFICATIONS

Model #	LS4X
Size (L x W x H)	36cm (L) x 29cm (W) x 10cm (H)
Product + Pkg Weight, (Kg)	1,7 Kg
UPC	TBD
HTS Code	90268020

PRECISION LEAK DETECTION FOR MODERN REFRIGERANTS (ENG)

Built for clear indication, responsive detection and dependable field use.

The LS4X combines a long-life sensor, true mechanical pump and full-color graphic display to help technicians identify refrigerant leaks quickly and consistently. Automatic calibration and reset to ambient simplify operation, while three sensitivity levels allow the detector to adapt to different leak-search conditions. The instrument is specified for R32 and R1234yf sensitivity down to 1 g/yr and is listed as certified to ASRAE 173-2012, SAE J2913 and EN14624-2020 in the supplied CPS product information.

DÉTECTION DE PRÉCISION DE FUITES DE RÉFRIGÉRANTS MODERNES (FR)

Conçu pour une indication précise, une détection sensible et une utilisation fiable sur le terrain.

Le LS4X combine une sonde longue durée, une vraie pompe mécanique et un affichage graphique en couleur pour aider les techniciens à identifier rapidement et invariablement les fuites de réfrigérant. L'étalonnage automatique et la réinitialisation aux conditions ambiantes simplifient l'utilisation, tandis que les trois niveaux de sensibilité permettent l'adaptation du détecteur aux différentes conditions de recherche de fuites. L'instrument est indiqué pour la détection du R32 et du R1234yf selon une sensibilité descendant jusqu'à 1 g/an et il est répertorié comme conforme aux normes ASRAE 173-2012, SAE J2913 et EN14624-2020 dans les informations produit CPS fournies.

PRÄZISIONS-LECKAGENERKENNUNG FÜR MODERNE KÄLTEMITTEL (DE)

Für klare Anzeige, reaktionsschnelle Erkennung und zuverlässigen Einsatz im Feld entwickelt.

Der LS4X kombiniert einen langlebigen Sensor, eine echte mechanische Pumpe und ein vollfarbiges Grafikdisplay, um Technikern zu helfen, Kältemittelleckagen schnell und zuverlässig zu erkennen. Die automatische Kalibrierung und Rückstellung auf Umgebungstemperatur vereinfachen den Betrieb, während drei Empfindlichkeitsstufen es dem Detektor ermöglichen, sich an unterschiedliche Leckagensuchbedingungen anzupassen. Das Instrument ist für R32- und R1234yf-Empfindlichkeiten bis zu 1 g/Jahr spezifiziert und ist in den bereitgestellten CPS-Produktinformationen als nach ASRAE 173-2012, SAE J2913 und EN14624-2020 zertifiziert.

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