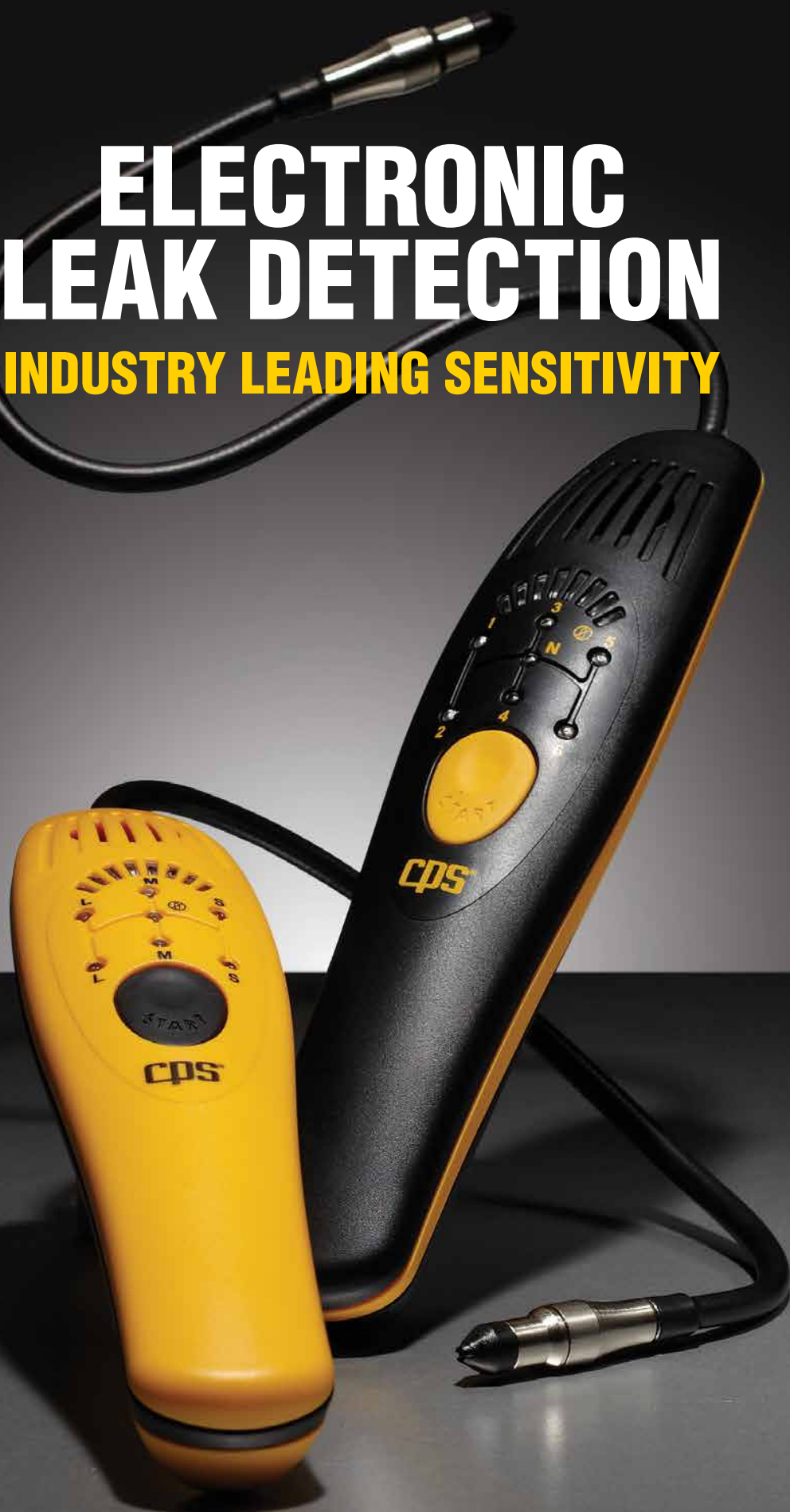


# ELECTRONIC LEAK DETECTION

INDUSTRY LEADING SENSITIVITY



# LEAK-SEEKER® ELECTRONIC REFRIGERANT LEAK DETECTORS



CPS Products has raised the bar again for leak detectors. The revolutionary E\_MOS Technology developed by CPS is more sensitive, stable and accurate than any other detection method on the market.

## FEATURES AND BENEFITS

- One button controls On/Off and all functions
- Microprocessor controlled sensor improves sensitivity and reduces false alarms
- Patented E\_MOS detection technology increases battery and sensor life
- Replaceable EMOS2 sensor, sensor filter and sensor tip
- Metal sensor housing with patented water vapor stabilizing filter eliminates false alarms due to condensate
- Optimal leak-finding performance under a broad range of conditions
- Simple, intuitive bar graph LED display
- Software managed sensor rejuvenation at startup ensures highest sensitivity
- Meets or exceeds all US and international standards for automotive and commercial use
- Ergonomic, high-impact housing with high output alarm speaker
- Low battery indication
- Includes owner's manual
- Designed and manufactured in U.S.A. with U.S. and globally sourced components



**LEAK-SEEKER I & II with patented EMOS® Technology**  
\*U.S. Patent # 8,555,701

Sensor inside protective metal housing with filter

Flexible metal probe

High output alarm speaker

Six sensitivity levels, automatically selected by instrument

Bar graph displays relative leak size

One button operation for reset, changing of audible alarm range, and power off

**LS1**  
LEAK-SEEKER® I

**LS2**  
LEAK-SEEKER® II



## LEAK-SEEKER® I

- **Progressive Alarm Mode:**  
Alarm pitch and number of lighted LEDs progressively increase as the leak source is approached. Allows searching for a broad range of leak sizes.
- **Threshold Alarm Mode:**  
Provides a quick go, no/go verifying a leak has been found and approximate size.

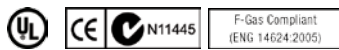
## LEAK-SEEKER® II

### SIMPLY TURN IT ON AND PINPOINT THE LEAK.

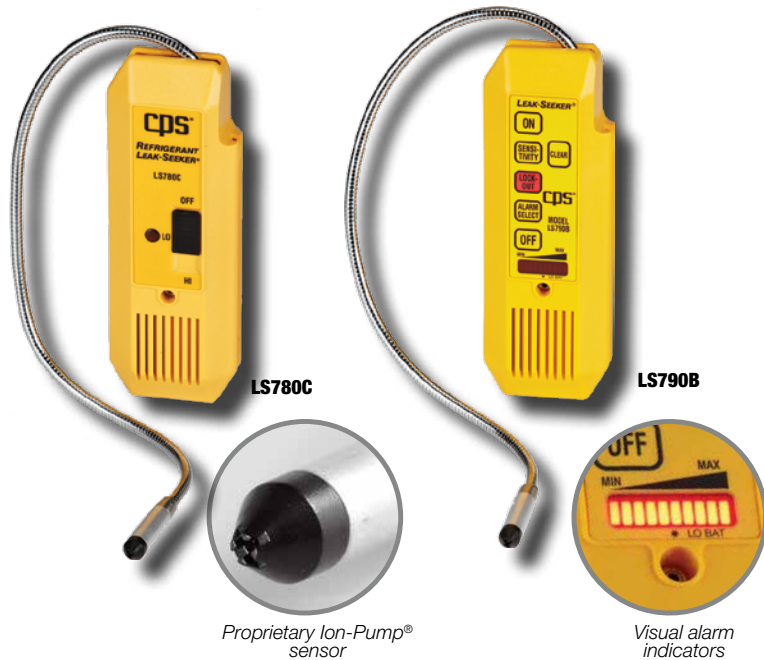
- Simple, intuitive bar graph LED display
- 56 levels of sensitivity automatically selected by proprietary Powershift™ software
- Optimal leak-finding performance under a broad range of conditions
- The world's only leak detector with fully automatic sensitivity selection and control.

## LEAK-SEEKER® ELECTRONIC REFRIGERANT LEAK DETECTORS WITH ION-PUMP® SENSOR TECHNOLOGY

Combines microcomputer circuitry with field proven Ion-Pump® sensor technology creating a highly sensitive, accurate electronic refrigerant leak detector. 128 computer-generated tones and display alerts the user to varying halogen concentrations. Leak-Seekers are designed and manufactured in the U.S.A. with U.S. and globally sourced components.



F-Gas Compliant  
(ENG 14624.2005)



Specifications	Leak-Seeker® I	Leak-Seeker® II	Tech-Set™ LS780C	Leak-Seeker® LS790B
Detector Type	Patented E_Mos Detection Technology		Proprietary Ion-Pump sensor with built-in selective filter housing	
Sensitivity	Better than 0.1 oz (3g) / year		Better than 0.25 oz (7g) / year leak rate of HFC	
Sensitivity Selection	Manual	Fully automatic	Manual	
Refrigerant Sensitivity	All, including those with hydrocarbon components (CFC, HCFC, HFC, HFO, NH3, HC. Hydrogen trace gas in 95% N2, 5% H2 mixture)		All, including those with hydrocarbon components (CFC, HCFC, HFC, HFO, NH3, HC)	
Visual Alarm	Visual tachometer-like bar graph display with 8 high intensity LEDs		High intensity LED (Varies in brightness)	High intensity bar graph display
Flex Probe	15.5" flexible probe for hard-to-reach areas		18" long metal flex probe	
Operating Temperature	0 to 140°F (-18 to 60°C)			
Controls	One button controls on/off and all functions		OFF, LO & HI sensitivity modes	6 button keypad
Power (Battery Life)	3 "C" batteries (>50 hr continuous use)		4 "AA" alkaline batteries (>40 hr continuous use)	
Weight	18 oz (500g)			
Audible Alarms	<b>In Progressive Mode:</b> Extended tone range <b>In Threshold Mode:</b> Single high pitch tone	2 user selectable alarm ranges	128 computer generated tones to precisely guide user to the source of the leak	
Lock-Out Mode	N/A		N/A	Yes
Low Battery Indication	Green (middle) LED turns off when batteries at 10% capacity	Rightmost (No Battery) LED stays on when batteries at 10% capacity	Center LED above "★" lights during operation	
Auto-Off	Yes, after 10 minutes of inactivity		No	Yes, after 15 minutes of inactivity
Sensor Life	>500 hr continuous use		Replace seasonally	
Warranty	1 year	2 years	1 year	2 years