

# Leak Detectors

## MARS H-10 Pro Universal Refrigerant Leak Detector

The MARS H-10 Pro combines and enhances all the features of the previous H-10 Series models into one full featured unit. The H-10 Pro Refrigerant Leak Detector continues to be the universal standard for checking halogen-based refrigerant leaks in residential and commercial applications. With automatic auto zero balance control it's unique sensor calibration system will pinpoint small, medium and large leaks. The instrument uses a tried-and-true positive ion emission heated diode with audible and visual leak rate indicators. It is the most sensitive and accurate leak detector to detect all CFC, HFC and HCFC refrigerants as low as 0.006 oz/yr, including R-410a and R-507. The unit is mounted in a durable carry case which houses the 4.5 foot probe with built in filter, carrying strap, wall adapter and operating instructions.



### Features:

- All CFC, HFC and HCFC refrigerants, including but not limited to: R-12, R-22, R-134a, R-404A, R-410A, R-502, R-507, HFO-1233zd, HFO-1234yf and HFO-1234ze
- Improved sensor responsiveness with ultra-sensitive detection
- Dual power sources include rechargeable battery or external DC powered (wall adapter included)
- Selectable sensitivity to pinpoint small, medium or large leaks
- Unique visual sensor calibration system (with included reference leak bottle)
- Rugged enclosure with shoulder strap included
- Manual or automatic zero modes
- Headphone port allows for optional headset use in high-noise environments

### Specifications:

**Nominal Leak Range:** 0.006 oz/yr (stationary) | 0.1 oz/yr (moving probe per SAE J2791)

**Power Supply:** 12 VDC - internal rechargeable sealed lead acid battery; 100-240 VAC wall adapter/universal battery charger to charge or run continuously

**Reference Leak:** Approx. 0.006 oz/yr (stationary) | 0.1 oz/yr (moving probe per SAE J2791), 1 year life (typical)

**Ambient Operating Temp:** 32°F to 104°F (0°C to 40°C)

**Battery Life:** 3 hours (typically)

**Warm Up Time:** Approx. 2 min.

**Response Time:** 1 second

**Gases Detected:** All CFC, HFC and HCFC non-flammable refrigerants

**Detection Principle:** Positive Ion Emission Heated Diode

**Probe Length:** 4.5 feet

**Dimensions:** 10.5" L x 8.3" W x 5.4" H

**NOTE:** sensors are consumed in normal operation. It is good practice to have a spare sensor available at all times.

MARS NO.	CATALOG NO.	DESCRIPTION
25301	H-10 Pro	Universal Refrigerant Leak Detector, Wall adapter or Battery Powered

## Renewal Parts

MARS stocks genuine renewal parts for MARS, GE, and Bacharach H-10 Series Leak Detectors.



## Renewal Parts For H-10 Professional, H-10N, H-10G, and H-10B

MARS NO.	CATALOG NO.	DESCRIPTION	H-10 PRO/PM	H-10N	H-10G	H-10B
25310	M1101UD	Maintenance kit (100 filters, 3 rubber probe tips)	✓	✓	✓	✓
25315	H10N04	Plug-in sensor element	✓	✓	✓	✓
25314	M1101UU	Probe tip - clear plastic	✓	✓	✓	✓
25309	E7076DX	Rubber tip for probe	✓	✓	✓	
25325	M1101AH	Battery charger - 120-240 VAC	✓			
25333	M1101VS	Cigarette lighter adapter	✓	✓		
25323	M1101UC	Super tune up kit; sensor, leak vial, 100 filters 3 flow balls and 3 rubber probe tips	✓	✓	✓	✓
25326	M1101AD	Battery for H-10 Pro	✓			
25321	K9344AH	Reference Leak Assembly	✓	✓	✓	✓