



25307

## MARS H-10PM Manual and/or Automatic Balance Universal Refrigerant Leak Detector

The MARS H-10PM is the latest design in traditional style H-10 portable leak detectors which combines and enhances all features of the previous H-10 Series models into one full featured unit. Now with manual or automatic auto zero balance control, it's unique sensor calibration system will pinpoint both small & large leaks. It is the most sensitive and accurate battery powered leak detector able to detect all CFC, HFC, and HCFC refrigerants. The MARS H-10PM is certified by UL (SA9717) to satisfy the requirements of SAE standard J1627 and is CE marked. The MARS H-10PM is shipped complete with a carrying case, shoulder strap, built-in rechargeable battery, battery charger, and instruction sheet. An optional adapter (MARS No. Z5325) is available that allows the MARS H-10PM to run on 120VAC power while simultaneously re-charging the battery.

### Features:

- Manual or automatic auto zero balance control
- Impact resistant professional case
- Power source: internal battery - AC or DC powered.
- Halogen selective (minimal false alarms)
- Unique on-board electronic sensor calibration system
- Highly visible neon lamp indicates leaks for any refrigerant gas or blend (CFC, HFC, HCFC)

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

### Specifications:

**Nominal Leak Range:** Small leak switch position: .5 oz./yr., R-134a .1 oz./yr., R-12  
 Medium leak switch position: 1.0 oz./yr., R-134A .5 oz./yr., R-12  
 Large leak switch position: 5.0 oz./yr., R-134A 3.0 oz./yr., R-12

### Power Supply:

**12VDC-** internal rechargeable, sealed lead acid battery  
**12VDC-** external battery using battery clamp/cigarette lighter plug cord.  
**120VAC-** wall adapter converts to 13.5VDC, 500ma. to charge unit.  
**120VAC-** optional wall adapter to charge and continuously operate unit from AC power.

**Reference Leak:** Approx. 0.4 oz./yr. (1 lb./40 yr.), R-134a approx. 6 month life

### Ambient Operating

**Temperature:** 32° to 104°F

**Low Battery Indicator:** Red LED light on (indicates approx. 5 min. left)

**Battery Life:** Approx. 1.5 hours before recharge with continuous operation

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

**Probe Length:** 4.5 feet

**Dimensions:** 5.5" x 10.5" x 8.5"

MARS NO.	CATALOG NO.	DESCRIPTION
25307	H-10PM	Battery powered universal refrigerant leak detector



25303

## MARS H-10G Universal Refrigerant Leak Detector

The MARS H-10G is the latest generation of the original General Electric design that has earned recognition as the industry's standard for field service leak detectors. This rugged, 115 volt powered, leak detector is the most reliable field service instrument of its type. The MARS H-10G will detect chlorine and fluorine based refrigerants. The MARS H-10G uses a unique heated diode sensor that is the most powerful technology available for leak detection. An air pump inside the MARS H-10G provides a controlled volume sample from the area being tested. The MARS H-10G comes with a reference leak and an instruction manual.

### Features:

- Two leak signals - 80 db horn in the control unit and flashing light in the probe tip
- Air flow indicator in probe tip
- On/off power switch
- Protective case with fold-away cover
- Flexible probe assembly
- Reliable sensor
- Top mount controls
- Easily accessible reference leak
- Easy sensor and filter replacement

### Specifications:

**Refrigerants:** Sensitive to R-12, R-123, R-134a, R-22, R-502, HP-62, R410A

**Sensitivity:** Chlorine based refrigerants .05 oz./yr.  
 fluorine based refrigerants .5 oz./yr.

**Response:** Approx. 1/2 second

**Alarm:** 80db horn and flashing light

**Distance:** Alarm will sound at a distance of 1/2" with probe moving at a speed not to exceed 2 inches per second for either R-12 or R-134 a refrigerant in accordance with SAE specifications

MARS NO.	MODEL NO.	VOLTAGE	DIMENSIONS	WEIGHT
25303	H-10G	115V 50/60 Hz.	2.7" D x 5" W x 8.5" L	3.4 lbs.