GAS DETECTORS

PORTABLE SINGLE GAS DETECTOR
Model - KM-840-LEL/O2/H2S/CO



✳ **FEATURES :**

- **Explosion-proof Grade :** Ex ib IIB T3Gb
- LCD dot matrix display with Backlight
- Adjustable preset two-stage alarm level.
- With audible-visual-vibration alarm mode, also with the voice alarm.
- With a back clip, which is easy to carry when working.
- Powered by rechargeable battery with big capacity which support a long working period.

✳ **FUNCTIONS :**

- **Gas Type :** Combustible Gas (LEL) / Oxygen (O2) / Hydrogen Sulfide (H2S) / Carbon Monoxide (CO) other gases on request.
- **Measuring Ranges :**

Gas Type	Range	Low Alarm	High Alarm	Resolution
LEL	0~100%LEL	20%LEL	50%LEL	1%LEL
O2	0~30%VOL	19.5%vol	23.5vol	0.1%vol
H2S	0~100ppm	10ppm	35ppm	1ppm
CO	0~1000ppm	50ppm	150ppm	1ppm

- .**Sampling mode :** Diffusion sampling (Available for connection with external pump)
- **Response time :** T<30s
- **Accuracy :** ≤ ±5%FS
- **Operating Temperature :** -20°C～50°C ; **Humidity:** <95%RH (non-condensing)

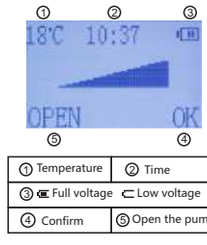
✳ **ADDITIONAL FUNCTIONS :**

- **Sensor :** Catalytic combustion sensor for LEL; Electrochemical sensor for O2, H2S and CO.
- **Sensor life :** 2 years
- **Display :** LCD display real-time data & station of system.
- **Display information :** Gas types, Concentration value, Concentration unit, Time, Battery & Alarm status, etc.
- **Alarm Storage :** With alarm data storage function, can review the data from the detector..
- **Alarm Mode :** Audible-visual-vibration alarm, sound ≥ 75dB
- **Protection Grade :** IP65
- **Body Material :** ABS & PC
- **Battery charge time :** 4h to 6h
- ✳ **Power supply :** 3.7V, 1800mAh rechargeable lithium battery. continuous working period over 10 hours.

✳ **Dimension :** Approx. 140(L) x 73(W) x 32(H) mm.
✳ **Weight :** Approx. 300 gm. (with charger)
✳ **Accessories :** Gas Detector, Instruction Manual, Battery charger, USB Cord & Carrying Case.

EXTERNAL PUMP FOR GAS DETECTORS
(KM-GD-04 & 840 series Gas Detectors)
MODEL - PP02

NEW



① Temperature	② Time
③ Full voltage ⊂ Low voltage	
④ Confirm	⑤ Open the pump



This pump is newly designed portable sampling pump. With advantages of simple & attractive design, easy installation, small size, light weight, low noise and good stability, it's suitable for long time continuous sampling toxic gas in the air.

✳ **FEATURES :**

- Anti-shaking and anti-striking
- Attractive design and easy operation
- Easy for maintenance
- Easy installation and good air-proof
- Indication of pump jam, power and low voltage

✳ **FUNCTIONS :**

- **Rated Voltage :** DC3.0V
- **Voltage range :** DC2.0V ~ DC3.2V
- **Rated current :** ≤ 400mA
- **Max pressure :** ≥ -300mmHg
- **Resume voltage :** DC2.0V
- **Working flow :** ≥ 0.5LPM
- **Pump time :** ≤ 60S
- **Life span :** ≥ 200h (working continuously)
- **Noise :** ≤ 60dB(A)
- **Diameter :** Φ3.2mm
- **Pressure :** ≤ 3mmHg
- **Operating Temperature:** -10°C ~ 60°C
  Humidity : ≤ 95% RH
- **Housing material :** ABS

✳ **Dimension :** Approx. 65(L)×30(W)×225(H)mm
✳ **Weight :** Approx.140g (including battery)
✳ **Accessories :** User Manual & Carrying case.

REFRIGERANT LEAKAGE DETECTOR
Model - KM 313







Refrigerant Leakage Detector is the perfect tool for maintaining the air-condition or a cooling system with compressor and Refrigerant. This unit use newly developed semi-conductor sensor which is extremely sensitive to variety of generally used Refrigerant.

✳ **FEATURES :**

- Microprocessor Control with advanced digital signal processing.
- Multi color visual display.
- Semiconductor Gas Sensor
- Reference Leak Source Included
- Ambient Concentration Reset

✳ **FUNCTIONS :**

- **Gas Detection :** R134a, R404A, R410A, R407C, R22, R502, R600A, Refrigerants Gas, Freon gas.
- High-Low Leak Sensitivity Selector
- Variable Intensity Audible Alarm

✳ **SAFETY :**

- Accordance With SAE J1627, CE Design

✳ **ADDITIONAL FUNCTIONS :**

- Heated Semiconductor Gas Sensor life about 1 year
- High-Low Leak Sensitivity Selector
- 7 LED Tri-colored Visual Leak Level Indicator
- 15.5"(40CM) Flexible Stainless Probe
- Sensitivity As Small 6 g / year
- Operating Temperature: 0 to 40°C(32 to 104°F)
- Low Battery Indication
- Auto Power off after 10 minutes.

✳ **Power supply :** AA Size Alkaline Batteries x 4
✳ **Battery life :** Approx. 40hrs
✳ **Dimension :** Approx. 173(L) x 66(W) x 56(H) mm.
✳ **Weight :** Approx. 400gm (with batteries)
✳ **Accessories :** Instruction Manual, Battery, Leak Check Bottle & Carrying Case.