GAS DETECTORS

MULTI GAS DETECTOR
Model - KM-316-M

NEW

IP65

Explosion-proof Grade

Ex ib IIB T3 Gb



Preliminary Data

✷ **INTRODUCTION :**

KM-316-M pump suction gas detector is a multi-in-one gas detector. It can continuously detect the gases as mentioned in the specification. This instrument is waterproof design & combine with rubber shell, to meet the harsh requirements of harsh environment. KM-316-M gas detector uses pump-suction mode for detecting, and high quality gas sensors are used for sensitive components, which has excellent sensitivity and repeatability. The instrument is controlled by embedded micro-computer. It has simple operation, complete functions, high reliability, multiple adaptive abilities, and is intuitive and clear with graphic and text liquid crystal display.

✷ **FEATURES :**

- **Display :** 2.4 inch high definition full-color view IPS industrial screen
- Intrinsically safe circuit design, antistatic and electromagnetic interference
- **Explosion proof grade :** Ex ib IIB T3 Gb
- Explosion proof number : CNEx18.4929X
- 5-gas detector can be customized
- Can detect 1-4 gases at the same time, sensors can be assembled as requested

✷ **FUNCTIONS :**

- **Detect Gas & Ranges:**
  LEL : 0-100%lel; O2 : 0-30%vol;
  H2S : 0-100ppm; CO : 0-1000ppm;
- **Detection Principle :** Electrochemical / Catalytic
- **Resolution :** 1%lel, 0.1%vol, 1ppm
- **Sampling mode :** Pump Type
- **Measurement error :** ≤±5%FS
- **Working time :** ≤20s continuous (Non-alarm standby state)
- **Environment temperature :** (-20~50)℃
- **Environment Humidity :** < 95%RH No condensation

✷ **ADDITIONAL FUNCTIONS :**

- Technical indicators & gas concentration values display.
- Dust-proof, explosion-proof and waterproof design.
- Built-in high-power carbon film self-priming pump, quick response time.
- Setting time and alarm function can be adjusted freely.
- Shell adopts high IP encapsulation technology.

✷ **Power Supply :** DC3.7 V Lithium battery ; 2000mAh
✷ **Weight :** Approx. 400g. (without battery)
✷ **Dimension :** Approx.164(L) x 78(W) x 50(H) mm
✷ **Accessories :** User Manual, Battery, Charger (USB Cable & Adaptor)

COMBUSTIBLE GAS DETECTOR
Model - KM 5421

NEW





✷ **INTRODUCTION :**

The Detector is suitable for Gas pipeline leak detection, household gas prevention, Oil & Gas exploration, Tunnel & mine operations, Chemical Industry, Metallurgy, Refining & Chemical Biochemical Medicine & other industries. It is an ideal Gas detection instrument.

✷ **FEATURES :**

- **Display :** VA reverse display screen

✷ **FUNCTIONS :**

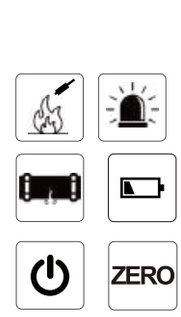
- **Detect Gas :** Natural Gas, Coal Gas, Liquefied Petroleum Gas.
- **Measuring Range :** 50 ppm ~ 10000 ppm with adjustable sensitivity.
- **Responding Speed :** 2 seconds
- **Calibration Method :** Auto-calibrate within 30 seconds of power on
- **Alarm Method :** Audio & Visual
- **Alarm Value :** >2500PPM
- **Preheat time :** 30 seconds
- **Detection Method :** Diffusion
- **Metal Hose length :** 270mm
- **Operating Temperature & Humidity :** 0 ~ 50°C / 0 ~ 70%RH
- **Storage Temperature & Humidity :** -10 ~ 50°C (5%---95%RH)

✷ **ADDITIONAL FUNCTIONS :**

- Portable & Durable Design
- Flexible hose is suitable for measuring in different locations.
- Simple operation, fast & sensitive, accurate leak detection.
- Zero reset key
- Auto power off within 10 minutes

✷ **Power Supply :** 1.5V x 3 AAA battery
✷ **Weight :** Approx. 184g. (without battery)
✷ **Dimension :** Approx.160 x 63 x 32 mm
✷ **Accessories :** Battery & User Manual

MINI COMBUSTIBLE GAS DETECTOR
Model - KM 5551







✷ **INTRODUCTION :**

The Detector is suitable for Gas pipeline leak detection, household gas prevention, Oil & Gas exploration, Tunnel & mine operations, Chemical Industry, Metallurgy, Refining & Chemical Biochemical Medicine & other industries. It is an ideal Gas detection instrument.

✷ **FEATURES :**

- **Display :** Analog display

✷ **FUNCTIONS :**

- **Detect Gas :** Natural Gas, Coal Gas, Liquefied Petroleum Gas.
- **Measuring Range :** 50 ppm ~ 10000 ppm
- **Responding Speed :** 2 seconds
- **Calibration Method :** Auto-calibrate within 30 seconds of power on
- **Alarm Method :** Audio & Visual
- **Preheat time :** 30 seconds
- **Operating Temperature & Humidity :** 0 ~ 50°C / 0 ~ 70%RH
- **Storage Temperature & Humidity :** -10 ~ 50°C (5%---95%RH)

✷ **ADDITIONAL FUNCTIONS :**

- Portable & Durable Design
- Audible & Visual Alarm
- Wide Applications : Indoor, Outdoor, RV, Gas Stove, HVAC System, Gas Grill etc.
- Low Battery indication.
- Auto power off within 5 minutes

✷ **Power Supply :** 1.5V x 2 AAA battery
✷ **Weight :** Approx. 70g. (Without Battery)
✷ **Dimension :** Approx.167 x 42 x 22 mm
✷ **Accessories :** Battery & User Manual