GAS DETECTORS

GAS SAMPLING PUMP
MODEL - PP-01



PP01 is designed for using together with portable gas detector. With advantages of simple & beautiful design, easy installation, small size, light weight, low noise, good stability, it's suitable for long time continuous sampling toxic gas in the air.

✳ **FEATURES :**

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

✳ **FUNCTIONS :**

- **Electric current :** <100mA
- **Sampling flow :** 400ml / min
- **Working condition :**

  Temperature : -10 °C - 60°C

  Humidity : ≤ 95%RH
- **Housing material :** ABS

✳ **Power :** DC3V + / -30% (2pcs of AA DC1.50V batteries)

✳ **Dimension :** 42(L) x 27(W) x 160(H)mm

✳ **Weight :** Approx. 250 gm. (including battery)

MULTI GAS DETECTOR
(ANY 6 GASES)
Model - E6000



✳ **FEATURES :**

- SMART interchangeable sensor module, easy for replacement & maintenance.
- Intrinsically safe design
- LCD screen wide view
- High alarm / low alarm adjustable for each channel
- Combustible gas channel with high-concentration protection function.
- 100,000 records including peak values with Data communication function
- Data uploading to PC available.
- With Real Time Clock

✳ **FUNCTIONS :**

- **Target gas (Any Six) :** Combustible gas, Toxic gas, Oxygen, VOC, H2S, NH3, NO2, CO
- **Response time:** Semiconductor, Catalytic, Thermal conductivity t_{90} <30s Oxygen, Carbon Monoxide, Hydrogen sulphide t_{90} <30s.
- **Working humidity :** ≤ 95% RH no condensation
- **Gas Sensor Life :** 1 year (2 years Optional)

✳ **ADDITIONAL FUNCTIONS :**

- Calibrating level adjustable, easy for calibrating
- Audible, visual & vibration alarm method
- Continuous working time > 30 hours (for combustible gas & toxic gas)
- > 300 hours (for toxic gas under temperature of 20°C)
- Ingress protection : IP66
- Low-voltage alert.

✳ **Power supply :** Lithium battery (DC3.6V, 6600mAh)
Charging time : 4 ~ 6 hours

✳ **Dimension :** Approx. 168 x 91 x 45 mm.

✳ **Weight :** Approx. 450 gm. (including battery)

✳ **Accessories :** User's Manual, Battery, Carrying Case

PORTABLE MULTIGAS DETECTOR
For CO, O2, H2S, Ex
Model - KM-GD-04



✳ **FEATURES :**

- **Explosion-proof Grade :** Ex ib IIB T3Gb
- LCD dot matrix display Real Time Data
- 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 :** Ex, O2, H2S, CO
- **Measuring Ranges :**

Gas Type	Range	Low Alarm	High Alarm	Resolution
Ex	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 Ex; 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.