

## TXP 258 PORTABLE TWO GAS DETECTOR



### Features

- Adjustable gas calibration concentration
- High concentration protection function of the sensor (for combustible gas)
- Fault detection of combustible gas sensor
- Replaceable sensor module
- Self-calibration function
- Self test function, self-diagnosing function, self-recovering function
- Password management function, password is necessary for important operation to effectively avoid operation by mistake.
- Intrinsically safe instrument

Gas	Detecting range	L-alarms range	H-alarms range	Low alarm	High alarm	TWA alert	STEL alert
LEL	0-100%LEL	10-25%LEL	25-80%LEL	20%LEL	50%LEL		
H <sub>2</sub>	0-1000ppm	20-150ppm	150-500ppm	35ppm	250ppm		
H <sub>2</sub> S	0-100ppm	5-15ppm	15-30ppm	10ppm	15ppm	10ppm	15ppm
CO	0-1000ppm	25-100ppm	100-500ppm	35ppm	200ppm	35ppm	200ppm
CO	0-2000ppm	25-100ppm	100-500ppm	35ppm	200ppm	35ppm	200ppm
O <sub>2</sub>	0-30%vol	16-19.5%vol	22.5-24%vol	19.5ppm	23.5ppm		
NH <sub>3</sub>	0-100ppm	20-30ppm	30-70ppm	25ppm	50ppm	25ppm	35ppm
CL <sub>2</sub>	0-20ppm	3-10ppm	5-15ppm	5ppm	10ppm	0.5ppm	1.0ppm
SO <sub>2</sub>	0-100ppm	1-3ppm	3-10ppm	2ppm	5ppm	2ppm	5ppm

### Specifications

- Target gas: combustible gas, toxic gas and oxygen.
- Sensor type: Catalytic (combustible gas) or electrochemical (toxic gas and oxygen).
- Sampling method: natural diffusion
- Indication error:  $\leq \pm 5\%$  F.S.
- Response time: T90\_30s
- Working condition: Temperature: 20°C~50°C Humidity:  $\leq 95\%$  RH
- Power supply: DC3.6V Lithium battery 2100mAh
- Continuous working time (in normal temperature): no less than 10 hours
- Sensor life: 1 years
- Ingress Protection: IP65
- Dimensions: L×W×H 135mm×64mm×33mm
- Weight: appr. 250g

## TXP 616 PORTABLE MULTI-GAS DETECTOR



### Features

Natural diffusion sampling method and high-sensitivity sensor, with high sensitivity and Repeatability.

32-bit built-in MCU, high reliability and self-adaptation ability.

Full functions, easy operation.

CSTN colorful LCD, more intuitionistic, abundant and clear indication.

Compact design, easy carrying.

High strength engineering plastics and compound anti-slippery rubber; high strength,

Water-proof, dust-proof and explosion-proof.

Target Gas	Detecting Range	Low-alarm range	High-alarm range	Default low alarm	Default high alarm	TWA alert	STEL alert
CH <sub>4</sub>	0-100%LEL	10%LEL-25%LEL	25%LEL-80%LEL	20%LEL	50%LEL		
H <sub>2</sub> S	0-100ppm	5ppm-15ppm	15ppm-30ppm	10ppm	15ppm	10ppm	15ppm
CO	0-1000ppm	25ppm-100ppm	100ppm-500ppm	35ppm	200ppm	35ppm	200ppm
O <sub>2</sub>	0-30%vol	16%vol-19.5%vol	22.5%vol-24%vol	19.5vol	23.5%vol		

### Specifications

Gas sampling method: natural diffusion

Gas sensor type: Catalytic(for combustible gas) and electrochemical (for H<sub>2</sub>S, CO and O<sub>2</sub>)

Detecting gas: Combustible gas, H<sub>2</sub>S, CO, O<sub>2</sub>

Accuracy:  $\leq \pm 5\%$  F.S.

Response Time:  $\leq 30$ s

Indication: LCD displays real-time and system status;

LED, audio and vibration alert for gas leakage, fault and low voltage.

Working environment: -20°C~50°C,  $< 95\%$  RH (no dew)

Power Source: DC3.6V Li-on battery, 1800mAh

Working time:  $\geq 8$ h continuously (without alarming)

Gas Sensor Life: 1 years

Explosion-proof grade: ExiadiICT3

Protection Grade: IP65

Weight: Appr. 200g (with battery)

Dimensions: 116mm×66mm×30mm (L×W×H)