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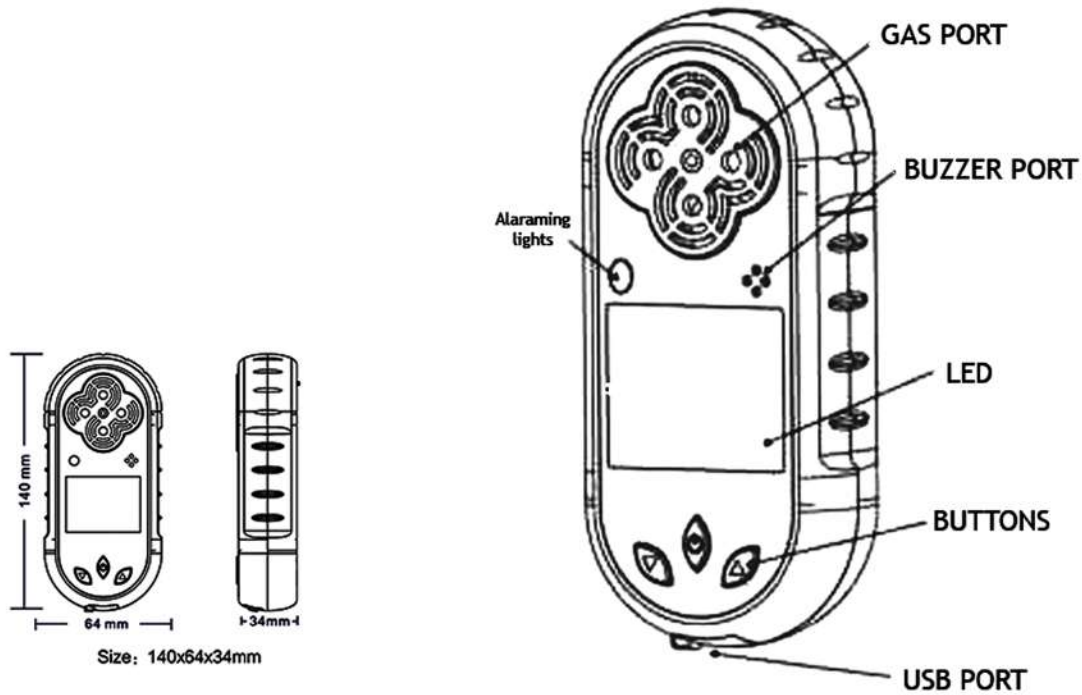
VASTHI
INSTRUMENTS

Portable Multi Gas Detector





Portable Multi Gas Detector



Detector structure: the main detector, circuit boards, batteries, display, sensors, chargers of the components.

Principle: Electrochemical or Catalytic or PID's or infrared sensor

Features:

- Natural diffusion sampling method and high-sensitivity sensors, with high sensitivity and repeatability.
- 32-bit built-in MCU, high reliability and self-adaptation ability.
- Full functions, easy operation.
- Colorful LCD, more intuitionistic, abundant and clean indication
- Compact design, easy carrying.
- High strength engineering plastics and compound anti-slippery rubber; high strength, water-proof, dust-proof and explosion-proof.
- 1200pcs data records, can be contacted with computer via software. Can print the data records, can make the data analysis.
- Gas curve display.

Technical Data

Target Gas	Range	Low alarm	High alarm	Resolution
Combustible	0 ~ 100%LEL	20%LEL	50% LEL	1%LEL
H ₂ S	0~100ppm	10ppm	35ppm	1ppm
CO	0~1000pp	50ppm	150ppm	1ppm
O ₂	0~30%vol	19.5% vol	23.5%vol	0.1%vol

Other Gases needed, please contact VASTHI



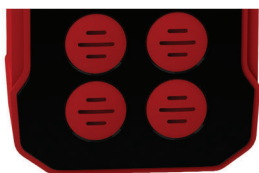
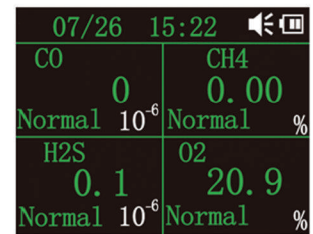
Portable Multi Gas Detector

Specifications:

Gas sampling method	Natural diffusion & Suction
Detecting gas	: Combustible gas, toxic gases, O ₂
Accuracy	: +/-2% F.S.
Response time	: $\leq 30s$
Indication	: LCD displays real-time and system status; LCD, audio and vibration alert for gas leakage, fault and low voltage.
Working environment	: -20° C~50° C, <math>< 95\%</math> RH (no dew)
Power Source	: DC 3.7V Li-on battery, 1800mAh
Charging time	: 4h-6h
Working time	: >math>10h</math> continuously (without alarming)
Gas Sensor Life	: 2 years
Explosion-proof grade	: Ex ib IIB T4 Gb
Protection Grade	: IP65
Weight	: Appr. 400g (with battery)
Dimensions	: 140mm x 64mm x 34mm (L x W x H)

Technical Details

Gas	Range	Unit	Deviation
EX	0.00-4.00	%	0.01%
H ₂ S	0-100	10 ⁻⁶	1 * 10 ⁻⁶
CO	0-1000	10 ⁻⁶	1 * 10 ⁻⁶
O ₂	0.0-30.0	%	0.1%



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Plot No. 21 & 22, Block No. 24,
Phase – 4, AutoNagar,
Guntur 522 001, Andhra Pradesh
Phone : +91 7382708685
Email: info@vasthi.com,