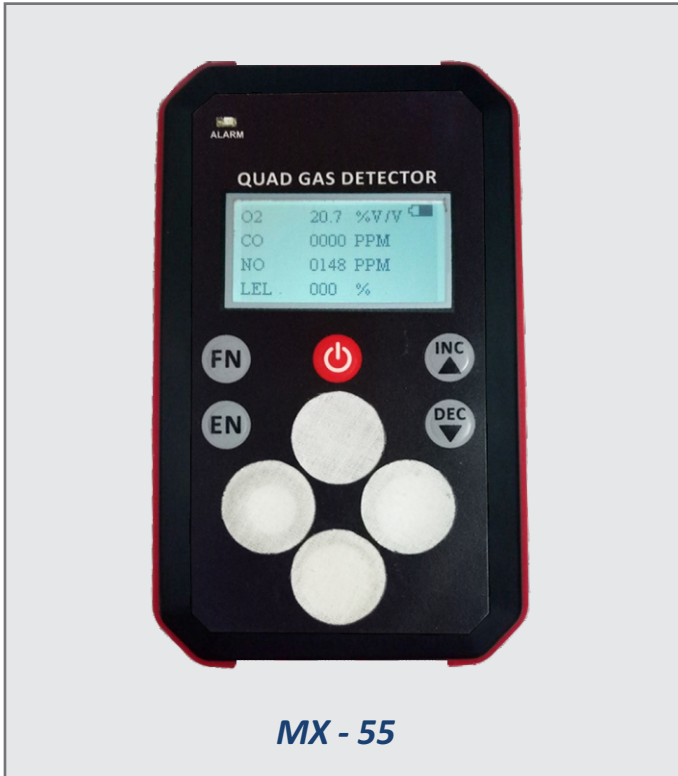


PORTABLE GAS MONITORS

COMPACT RUGGED & INTELLIGENT INSTRUMENT FOR AMBIENT MONITORING



MX - 55

QUAD GAS DETECTOR

MX-55 is a multi gas detector having on four number on-board sensor. Its simple automatic operation, continuous measurement and digital display of all or any selected gas and derived parameters makes it a valuable aid for on-site instant analysis and follow-ups action. The graphic LCD displays continuous real-time gas concentration (in % V/V or % LEL or PPM, $\mu\text{g}/\text{m}^3$), Battery status, instrument operational status. Gas Measuring Range and Resolution are customizable at customer end. LED provides continuous visual confirmation of detector operation in case of warning or alarms.

SPECIAL FEATURES

- Compact and light weight design
- Rugged and reliable
- IP 67 Housing
- Work in diffusion mode
- Simple calibration procedure
- User settable Warning, alarm set - points.
- Longlife Sensor (Easily Replaceable Plug and Play type)
- Comprehensive data logging and event logging capacity
- Sensor Combinations
 - 1 Combustible and 3 Toxic / Oxygen
 - 4 Toxic gas sensors

APPLICATIONS

- Industrial gas Leakage
- Ambient gas monitoring
- Chemical storage plants
- Laboratory application
- Oil and gas Refinery
- Process Industries

SPECIFICATIONS

Type	: Portable
Detectable gases / parameters	: 1 Combustible with 3 Toxic gases / Oxygen
Electronics	: Micro-controller
Power supply	: Lithium Ion Battery - 2600 mAh, upto 8 hours battery backup USB Adapter / Charger - 5V, 2A
Display	: 128 * 64 Graphical LCD
AlarmType	: Audio - Buzzer, LED indicator, Visual - LCD screen, Low Battery
Output	: Digital outputs - Data logging (5900 logs) via USB
Technology	: Software Calibration
Resolution	: Minimum possible - 0.001
Accuracy	: ± 2% for Toxic / Combustible & 0.5% for Oxygen
Response time	: < 30 Second
Operating temperature	: 0 - 55 °C
Sampling method	: Diffusion
Housing	: ABS Plastic IP67
Included accessories	: USB Cable and Adapter / Pouch
Weight	: 80 gms
Applications	: Portable device for industrial applications

GASES AND RANGES

1. CO	: 0 - 2000	PPM	7. O2	: 0 - 25 / 0 - 100	%V/V
2. NH3	: 0 - 500	PPM	8. H2	: 0 - 5 / 0 - 100	%V/V
3. Cl2	: 0 - 100	PPM	9. SO2	: 0 - 20 / 0 - 2000	PPM
4. CO2	: 0 - 100	%V/V	10. NO2	: 0 - 20 / 0 - 2000	PPM
5. H2S	: 0 - 2000	PPM	11. HC/LPG	: 0 - 100	%V/V
6. NO	: 0 - 10 / 0 - 5000	PPM			

ORDERING INFORMATION

Model No
MX-55

GASES

RANGES

SENSOR

EC, TCD, CC, IR, PID, SS

Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process.
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