

MX 2100 S

Multi-Gas Detector



vibration



noise

The MX 2100 is a 4-gas portable detector, designed for fire and rescue teams working in factories, underground structures, sewers, drilling platforms, ships and generally any confined environment where a risk exists.

- 4 gas simultaneously
- 0 zone operation
- Test station
- Graphical display
- Infrared port
- Smart interchangeable sensor blocks



INVESTOR IN PEOPLE



Castle
advanced sound solutions



Castle Group Limited

Salter Road, Scarborough, North Yorkshire, YO11 3UZ, UK, Telephone +44(0)1723 584250, Fax: +44(0)1723 583728
email: sales@castlegroup.co.uk, internet: www.castlegroup.co.uk

Specification

| | |
|-------------------------|--|
| Configuration : | 3 channels : toxic gases, O ₂ 1 channel for explosive gases |
| Gases detected : | CO ₂ , O ₂ , H ₂ S, SO ₂ |
| Measurement : | Continuous |
| Sensor : | Smart, pre-calibrated block interchangeable without adjustment Automatic recognition of type of sensor |
| Display : | Graphical LCD, text display of gas levels, backlighting |
| Auto-zero : | At start-up and on demand (option) Charger output (option) |
| Operating check : | Self-test at start-up Audible tone (factory-set interval) No sensor stabilisation time |
| Gas alarms : | Text messages for each channel on the display unit : - Flashing light signal common to all channels - Audible signal - Alarm acknowledgement compliant with safety rules Alarm levels : - 2 instantaneous thresholds per channel in EXPL0 and TOX modes - STEL/TWA in TOX mode - running average over 15 minutes and 8 hours High and low threshold (2 low thresholds as option) and 1 threshold for the catharometric channel |
| Trouble alarms : | Continuous luminous and audible signal common to all channels : - 20% over alarm in negative mode - 120% over alarm in TOX and oxygen mode - 100% over alarm in EXPL0 mode |
| Warning lights : | Visible in all directions |
| Buzzer : | 95 db at 30 cm |
| Outputs (options) : | RS 232 infrared link : - direct to printer for reviews - to PC, maintenance and supervision software, Excel data base |
| Power supply : | 3 AAA alkaline batteries or coated NiMH battery pack |
| Reserve time : | 14 hours standard 8 hours with pump (4 hours' pump operation) |
| Charger : | Built-in, smart 12 to 30 VDC |
| Charging time : | 3 hours |
| Operating temperature : | -15°C to +45°C (continuous operation) -25°C to +50°C (discontinuous operation) |
| Ingress protection : | IP 66 |
| Weight : | 350 g |
| Dimensions : | H 110 x W 80 x D 45 |
| Certification : | As per Explosive Atmospheres (ATEX) Directive : - ATEX 94/9/CE - II 1GD EEx ia IIC T4 - I M1 EEx i I or II 2G EEx iad IIC T4 - I M2 EEx i I As per Electromagnetic Compatibility Directive 89/336/EC, standard EN 50270 |

Castle Group Limited

Salter Road, Scarborough, North Yorkshire, YO11 3UZ, UK, Telephone +44(0)1723 584250, Fax: +44(0)1723 583728
email: sales@castlegroup.co.uk, internet: www.castlegroup.co.uk