


Technical characteristics

Manufacturer :	• OLDHAM SA
Function :	• Multigas detector
Type :	• MX 2100
Configuration :	• 3 channels : toxic gases, CO ₂ , O ₂ • 1 channel for explosive gases
Gases detected :	• See table inserted in documentation
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
Switching :	• Automatic switching in catharometric mode to a % volume scale if high concentration
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
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 EXPLO mode
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 EXPLO 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
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  - I 1G 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



MX 2100

OLDHAM
Group