

Single Gas Detectors



The UNI 321 is a disposable, maintenance-free version of the UNI single gas monitor. It detects H₂S, CO or O₂ in your selection of models for an operating life of either 12 months (MP101), 24 months (MP102) or 36 months (MP103). The detectors have a large LCD providing maximum readability in the field. Six bright red LEDs allow for quick alarm notification. Constructed of strong and durable material, the UNI 321 is designed to be comfortable yet drop resistant. The UNI 321 detectors can easily be bump tested and calibrated with the CaliCase System.

Features

- Size: 3.46 x 2.44 x 1.3 in (88 x 62 x 33 mm) Weight: 4.4 oz (125 g)
- UL/cUL: Class I, Div 1, Group A, B, C, D; Class II, Div 1, Group E, F, G; Class III, Div 1
- Temperature rating T4, -20° C ≤ T_{amb} ≤ +50° C
- Event logger
- IP rating: IP-67
- Large LCD for real-time concentration readings or operation month countdown
- Password protection
- Low and High Alarms
- Six bright red flashing LEDs
- H₂S, CO and O₂ versions available
- Models: MP103 for 3-year, MP102 for 2-year, and MP101 for 1-year



CaliCase

UNI 321 Specifications

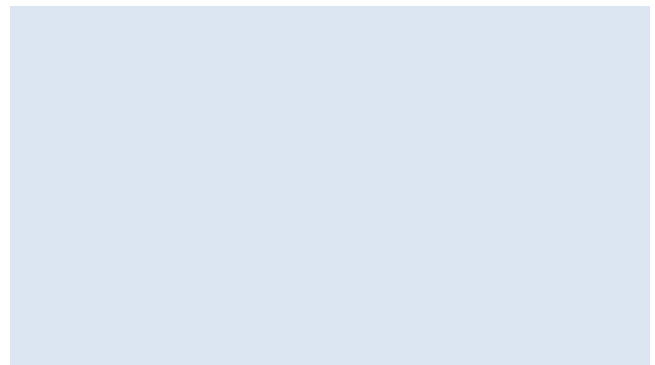
Detector Specifications

Size	3.46 x 2.44 x 1.3 in (88 x 62 x 33 mm)
Weight	4.4 oz (125 g)
Temperature	-4°F to 122°F (-20°C to 50°C)
Humidity	5 to 95% relative humidity (non-condensing)
Alarm type	High alarm, Low alarm, STEL alarm, TWA alarm, adjustable. Over-range alarm, Battery low alarm.
Alarm signal	90dB @ 30cm audible Bright red LED Built in vibrator
Calibration	2-point calibration, zero and span, power on zero (user-selectable)
Event log	Up to 10 alarm events
Response time (t90)	20 seconds
IP rating	IP-67
EMI/RFI	Compliant with EMC 2004/108/EC
Safety certifications	UL/cUL: Class I, Div 1, Groups A, B, C, D Class II, Div 1, Groups E, F, G Class III, Div 1 T4, $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$
Operating life	1 year for MP101 2 years for MP102 3 years for MP103

Ordering Information

Gas	Range	Model	P/N
H₂S	0.1 - 100ppm	MP101	13.02.09.0179
		MP102	13.02.09.0183
		MP103	13.02.09.0185
CO	1 - 500ppm	MP101	13.02.09.0173
		MP102	13.02.09.0175
		MP103	13.02.09.0177
O₂	0.1 - 30.0%	MP101	13.02.09.0187
		MP102	13.02.09.0189
		MP103	13.02.09.0191

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