Single gas detector MP110

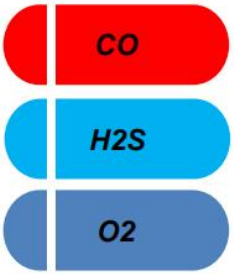


UNI Lite Single gas detector compact size, single key operation, reliable performance, large visibility display, easy to perceive instrument information; Strong and reliable shell design, ensure that can easily cope with harsh conditions; In addition to the sustainable display of toxic gas concentration, it can also display STEL value, TWA value, peak value, battery power, function test and calibration prompts, etc. It can be used for the protection of toxic and harmful environment staff. Users can quickly know the alarm information by the red LEDs. The alarm concentration value can be modified according to the actual use, so UNI Lite can be widely used in petroleum, petrochemical, metallurgical, chemical and other industries.

Features, Functions and Benefits

- Designed for harsh environments and extreme temperatures
- Large screen LCD, large digital display, clearly visible
- Store the last 50 events, including alarm information, functional tests, and calibration information
- 6 bright red LEDs omni-directional alarm
- Built-in infrared transmission module can be used for data communication and configuration modification
- ppm, mg/m^3, and 10 $^{-6}$ show different units of gas concentration
- Easy replacement of sensor and battery





MP110 specifications and instrument indicators

Size	55 x 87 x 28 mm
Weight	95g (including battery)
Temperature	-20° C～50° C
Humidity	5~95%RH (no condensation)
Keypad	Single bond
Alarm	Sound (> 95 decibels), light, and vibration
Alarm signal	High/low alarm, TWA/STEL alarm (can be setFixed), battery undervoltage alarm, overrange alarm
Calibration	Zero plus standard gas
Storage	Last 50 times
Protection class	IP-67
Communication	Infrared
EMI/RFI	Strong anti-electromagnetic/RF interference, in line with EU directives 2014/30/EU
Security authentication	Ex ia IIC T4
Metrological certification	CPA
Battery	Replaceable 2/3AA high capacity lithium battery
Warranty	The whole machine is guaranteed for 1 year

Sensor specification		
Gas	Range	Resolution
CO	1-1000ppm	1ppm
	1-2000ppm	1ppm
H2S	0.1-100ppm	0.1ppm
O2	0-30%Vol	0.1%Vo

Standard configuration & Accessories

- MP110 host, configuration sensor, and back clip
- Lithium battery
- Calibration adapter
- Certificate of conformity
- Quick Operation Guide (Chinese/English)

Optional configuration & Accessories

- Infrared communication components