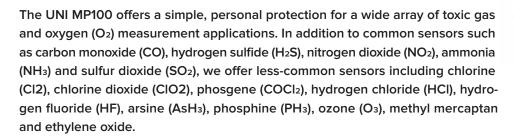


UNI MP100

Single Gas Detectors



Special oxygen monitors are available with long-life lead-free sensors or with inverted alarms for inert gas applications.

The monitors have a large LCD providing maximum readability in the field and are made with six bright red LEDs allowing for quick alarm notification. Constructed of strong and durable material, the UNI is designed to be comfortable, yet drop-resistant.

The UNI series can easily be bump tested and calibrated with the mPower CaliCase Station or Docking Box.



KEY FEATURES

- 50% larger (AA versus 2/3 AA) Lithium Battery
- · Widest choice of sensors on the market
- · Large display
- 50 Event datalogging
- · Low cost of ownership
- Smart sensors*
- · Solid stainless-steel alligator clip
- **Durable housing**
- Fast bump, calibration or download using single Docking
- Box or CaliCase 4-Bay Docking Station
- UL Classification Class I, II, III, Groups ABCDEFG
- * Sensors are replaceable with same type and carry calibration information, but are not interchangeable with other chemical type sensors



- ▲ Docking Box
- CaliCase Docking Station

UNI MP100

RANGE OF GASES DETECTED

Gas Range/	Resolution (ppm)	Detector P/N
CO (Carbon Monoxide)	1000/1	M001-0023-000
H ₂ S (Hydrogen Sulfide)	100.0/0.1	M001-0054-000
	1000/1	M001-0060-000
O ₂ (Oxygen)	25/0.1%	M001-0032-000
O ₂ (Oxygen) Lead-Free	30/0.1%	M001-0095-000
O ₂ Inerting Alarms	25/0.1%	M001-0093-000
NH ₃ (Ammonia)	100/1	M001-0006-000
	500/1	M001-0090-000
AsH₃ (Arsine)	1.00/0.01	M001-0092-000
Cl ₂ (Chlorine)	50.0/0.1	M001-0004-000
CIO ₂ (Chlorine Dioxide)	1.00/0.01	M001-0072-000
COCl ₂ (Phosgene)	1.00/0.01	M001-0020-000
H ₂ (Hydrogen)	2000/1	M001-0019-000
HCI (Hydrogen Chloride)	15.0/0.1	M001-0008-000

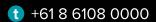
Gas Range/	Resolution (ppm)	Detector P/N
HF (Hydrogen Fluoride)	20.0/0.1	M001-0014-000
HCN (Hydrogen Cyanide)	100/0.1	M001-0005-000
NO (Nitric Oxide)	250/1	M001-0015-000
NO ₂ (Nitrogen Dioxide)	20.0/0.1	M001-0011-000
O ₃ (Ozone)	5.00/0.01	M001-0009-000
PH₃ (Phosphine)	20.00/0.01	M001-0016-000
SO ₂ (Sulfur Dioxide)	20.0/0.1	M001-0007-000
	100.0/0.1	M001-0091-000
ETO (Ethylene Oxide)	200.0/0.1	M001-0069-000
CH₃SH (Methyl	10.0/0.1	M001-0077-000
Mercaptan)		
THT	40.0/0.1	M001-0085-000
(Tetrahydrothiophene)		

SPECIFICATIONS Specifications subject to change without notice

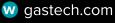
88 x 62 x 33 mm
125 g
Electrochemical
15 seconds (CO/H ₂ S/O ₂)
Others vary, see individual sensor
specifications in TA Note 4
Replaceable AA size Lithium
battery, 3 years typical operation
-4°F to 122°F (-20°C to 50°C)
5 to 95% relative humidity
(non-condensing)
• High, Low, STEL & TWA alarms
adjustable
Over range alarm
Low battery alarm
• 95 dB @ 30 cm
Bright red LEDs
Built in vibrator
2-point calibration, zero and span,
power on zero (user-selectable)

Docking Stations	UNI Single Docking Box		
for Cal & Bump	CaliCase 4-Bay Docking Station		
Event log	Up to 50 alarm events		
IP rating	IP-67		
EMI/RFI	EMC directive: 2014/30/EU		
Safety Certifications	IECEX ATEX	Class I, Div 1, Group ABCD Class II, Div 1, Group EFG Class III, Div 1 T4, -20°C ≤ Tamb ≤ +50°C Ex ia IIC T4 Ga II 1G	
	AILX	Ex ia IIC T4 Ga	
Sensor Life	CO & H2S expected operating life 5 years or longer, others 1 to 2 years as per warranty		
Warranty	2 years on O2, CO, H2S, SO2, HCN, NO, NO2, and PH3 units including sensor; 1 year on others		









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