UNI Disposable Single Gas Detector

The UNI Disposable has very low total costs of ownership. It is available in a one-year and three-year version

latchGas

It detects Hydrogen Sulfide (H₂S), Carbon Monoxide (CO) or Oxygen (O₂) in a selection of models with operating lives of 12 months or 36 months. The detectors have large LCDs providing maximum readability in the field. Six bright red LEDs allow for quick alarm notification. Constructed of strong and durable material, the WatchGas UNI Disposable is designed to be comfortable, yet impact-resistant. The UNI detectors can easily be bump tested and calibrated using the UNI Mono Dock and UNI Multi Dock.





Key Features

- Low total cost of ownership
- Large display
- Durable housing
- Solid stainless-steel alligator clip
- Daily self-test
- 50 event datalogging
- Docking Station for calibration and event download
- CE, ATEX, UL, cUL and IECEX certified

Application Examples

- (Petro)chemical plants and factories
- Tank storage parks
- Wastewater treatment facilities
- Mining industry
- Construction sites
- Food and beverage industry



DETECTOR SPECIFICATIONS

Size	88 (W)x 62 (H) x 33 (D) mm (3.46 x 2.44 x 1.3 in)		
Weight	125 g (4.4 oz)		
Sensor technology	3 electrochemical sensor options		
Temperature	-20°C to 50°C (-4 to 122°F)		
Humidity	5% ~ 95% RH (Non-condensing)		
Alarm type	High alarm, Low alarm Over range alarm, battery low alarm		
Alarm signal	Acoustic: 95dB @ 30cm Visual: 6 bright red LEDs Vibration alarm		
Display	LCD Display		
Calibration	2-point calibration, zero and span. Power-on zero calibration with user confirmation.		
Event log	Up to 50 alarm events		
Battery	AA Lithium battery for 1 or 3 years of operation depending on the UNI		
Measurement	Diffusion		
Housing	Polycarbonate and rubber		
Response time T ⁹⁰	15 seconds		
IP-Rating	IP68		
EMI/RFI	Compliant with EMC 2014/30/EU		
Safety certifications	UL/cUL: Class I, Div 1, Group A, B, C, DClass II, Div 1, Group E, F, GClass III, Div 1 T4, -20° C \leq Tamb \leq +50° C ATEX: II 1 G Ex ia IIC T4 Ga IECEX: Ex ia IIC T4 Ga CE: Conformité Européenne		
Warranty	1 year for the UNI Disposable of 12-Months 3 years for the UNI Disposable of 36-Months		



SENSOR SPECIFICATIONS

Model	Detectable Gas Ranges	Resolution	Article Number
CO Carbon Monoxide	1 - 500 ppm	1 ppm	(M014-0001-W00 12 months) (M016-0001-W00 36 months)
H ₂ S Hydrogen Sulfide	0.1 - 100 ppm	0.1 ppm	(M014-0002-W00 12 months) (M016-0002-W00 36 months)
O ₂ Oxygen	0.1 - 30 %vol	0.1 %vol	(M014-0003-W00 12 months) (M016-0003-W00 36 months)



NOTES

ACCESSORIES



/atchGas

UNI Series Multi Docking Station



UNI Series Mono Docking Station



Calibration Gases



Also check out our UNI Sustainable range on the WatchGas website!



For more information

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WatchGas UNI Disposable DS EN 15-07-20 v3.1 © 2020 WatchGas B.V.

WatchGas is dedicated to continuously improving its products. Therefore, the specifications and features mentioned in this datasheet are subject to change without prior notice.