

# MIDAS® AND MIDAS®-M COMPARISONS

FEATURE	MIDAS®	MIDAS®-M
<b>Number of Gases</b>	Single	Up to 4
<b>Number of sample lines</b>		Single
<b>Multiple gases/cartridge</b>		Yes
<b>mA Output</b>	Standard	Standard with MMT-01
<b>Modbus TCPIP</b>	Standard	Standard with MMT-01 and MMT-02
<b>Relays</b>	Yes	Yes – General Per point – Optional
<b>Web Server</b>		Standard
<b>LonWorks Compatibility</b>	Yes	No
<b>Color display</b>		Standard
<b>Status LEDs</b>	Standard Alarm (flash sequence for A1 and A2 alarms), Fault and Power	Standard Alarm1 (A1), Alarm 2 (A2), Fault and Power
<b>LIT (Line Integrity Test)</b>	Optional	Standard with MMT-LO1 and MMT-LO2 versions
<b>Voting</b> Compares results from other channel(s) before activating alarms	No	Yes
<b>24VDC Power Supply</b>		Yes
<b>POE (Power over Ethernet)</b>		Yes
<b>Power Switch</b>		Yes
<b>Menus</b>	Icon	Text
<b>Reflex</b>		Yes – Some cartridges
<b>Serviceable cartridge</b>	No	Yes
<b>Cartridge Life Indicator</b>		Built-in Expiration timer
<b>Built in factory calibration certificates printable through the web interface</b>	Yes	Yes
<b>Serviceable pump</b>	Yes	Yes – Assembly only

## GAS LIST

MIDAS®								MIDAS®-M	
GAS	CARTRIDGE	CARTRIDGE	CARTRIDGE	CARTRIDGE	CARTRIDGE	CARTRIDGE	CARTRIDGE	GAS	CARTRIDGE
AsH3	MIDAS-E-ASH							BCl3	MMS-E2
B2H6 (ppb)	MIDAS-E-HYD	MIDAS-E-B2H						BF3	MMS-Z2
BCl3	MIDAS-E-HCL							Br2	MMS-Q2
BF3	MIDAS-E-HFU							C2H4	MMS-F3
Br2	MIDAS-E-BR2							C3H6	MMS-F3
C2H4	MIDAS-E-LEL							C3H8	MMS-F3
C2H2F4	MIDAS-E-XCF (NP1, OP3 Pyro)							C4H10	MMS-F3
C3H6	MIDAS-E-LEL							C8H18	MMS-F3
C3H8 (US)	MIDAS-E-LEX							CH4	MMS-F3
C3H8 (EU)	MIDAS-E-LEX							Cl2	MMS-L2
C4F6	MIDAS-E-CFX (HTP Pyro)	MIDAS-E-CFH (HTP Pyro)	MIDAS-E-XCF (NP1, OP3 Pyro)					ClO2	MMS-Q2
C4H2F6	MIDAS-E-XCF (NP1, OP3 Pyro)							CO	MMS-C2
C4H10	MIDAS-E-LEB	MIDAS-E-LEO						CO	MMS-C3
C5F8	MIDAS-E-CFX (HTP Pyro)	MIDAS-E-XCF (NP1, OP3 Pyro)						CO2	MMS-TR
CH3F	MIDAS-E-CFX (HTP Pyro)	MIDAS-E-XHF (NP1, OP3 Pyro)						ETO	MMS-ET
CH2F2	MIDAS-E-CFX (HTP Pyro)	MIDAS-E-XCF (NP1, OP3 Pyro)						H2	MMS-G2
C8H18	MIDAS-E-LEO							H2	MMS-F3

# GAS LIST

MIDAS®								MIDAS®-M	
GAS	CARTRIDGE	CARTRIDGE	CARTRIDGE	CARTRIDGE	CARTRIDGE	CARTRIDGE	CARTRIDGE	GAS	CARTRIDGE
CH4	MIDAS-E-LEL							H2S	MMS-H4
Cl2	MIDAS-E-HAX	MIDAS-E-HAL	MIDAS-E-BR2					HBr	MMS-E2
Cl2 (LDL)	MIDAS-E-HAL							HCl	MMS-E2
ClO2	MIDAS-E-BR2							HF	MMS-Z2
ClF3	MIDAS-E-SF4							NH3	MMS-A2
CO	MIDAS-E-COX	MIDAS-E-COH						NO	MMS-V2
CO2	MIDAS-E-CO2-1	MIDAS-E-CO2-2	MIDAS-E-CO2-3					NO2	MMS-VN
COS	MIDAS-E-COS							O2	MMS-D2
COS (LDL)	MIDAS-E-COS							O3	MMS-U2
ETO	MIDAS-E-TEO							PH3	MMS-R2
F2	MIDAS-E-HAL							PH3	MMS-R3
GeH4	MIDAS-E-ASH							Si2H6	MMS-X2
GeH4 (ppb)	MIDAS-E-HYD							SiH2Cl2	MMS-E2
H2	MIDAS-H-LEL	MIDAS-E-LEL						SiH4	MMS-X2
H2 ppm	MIDAS-E-H2X	MIDAS-E-H2X-1	MIDAS-E-H2X-2	MIDAS-E-H2X-3				SO2	MMS-S2
H2S	MIDAS-E-H2S	MIDAS-E-HSH						TEOS	MMS-ET
H2Se_ppb	MIDAS-E-HSE							WF6	MMS-Z2
HBr	MIDAS-E-HCL								
HBr (LDL)	MIDAS-E-HCL								
HCl	MIDAS-E-POC	MIDAS-E-HCH	MIDAS-E-HCL						
HCN	MIDAS-E-HCN								
HF	MIDAS-E-HFX	MIDAS-E-SF4	MIDAS-E-CFX	MIDAS-E-CFH	MIDAS-E-HFU	MIDAS-E-XHF	MIDAS-E-XCF		
HF_L (Restricted)									
NH3	MIDAS-E-NH3								
NF3	MIDAS-E-XHF (NP1, OP3 Pyro)								
NO	MIDAS-E-NOX								
NO2	MIDAS-E-NO2								
O2	MIDAS-E-O2X	MIDAS-E-O2S							
O3	MIDAS-E-O3X	MIDAS-E-O3Y	MIDAS-E-O3H						
PH3	MIDAS-E-PH3	MIDAS-E-PHX							
POCL3	MIDAS-E-POC								
SF4	MIDAS-E-SF4								
SF6	MIDAS-I-SF6								
Si2H6	MIDAS-E-SHX								
SiH2Cl2	MIDAS-E-HCH	MIDAS-E-HCL							
SiH4	MIDAS-E-SHX								
SiH4_L	MIDAS-E-SHL								
SiH4_ppb	MIDAS-E-HSE								
SO2	MIDAS-E-SO2								
TEOS	MIDAS-E-TEO								
WF6	MIDAS-E-HFU								

\* Other gases to be released in the future. Please contact your sales representative for more information.

\*\*Please contact your sales representative for sensor combination limitations