

## Gas Data GFM400 Series Specifications

<b>General</b>			
Ex. Rating to:	ITS04 ATEX 23415, EEx ib IIB T1		
Ambient Temp Range	-10 to 40 C		
Battery Life	10 hours typical		
Battery charge time	2 to 4 hours		
Aspiration Rate	300 ml/min typical		
Storage Capacity	>900 Readings		
Protection Rating	IP65		
Dimensions	200 x 100 x 60 mm (approx)		
Weight	750g typical depending on options installed		
<b>GFM410 Standard Channels</b>			
	Range	Typical Accuracy	Typical Response
Methane	0 to 100%	0.2% @ 5%	20s
		1.0% @ 30%	
		3.0% @ 100%	
	0 to 100% LEL	4% LEL	30s
Carbon Dioxide	0 to 100%	0.1% @ 10%	20s
		3.0% @ 50%	
		3% @ 100%	
Oxygen	0 to 25%	0.5%	20s
Atmospheric Pressure	800 to 1200 mbar	5 mbar, 1 mbar resolution	20s
Static Pressure	-200mbar - +200mbar	1 mbar resolution	
<b>Standard Accessories</b>			
Battery Charger, Carry Case, Sample Pipe, Manual, Calibration Certificate			
<b>Optional Gas Channels (Maximum of 4)</b>			
H2S	1500 ppm	5% of fs	30s
H2S	200 ppm	5% of fs	30s
CO	1000ppm	5% of fs	30s
NO2	20 ppm	5% of fs	30s
SO2	100 ppm	5% of fs	30s
H2	1000 ppm	5% of fs	30s
HCN	100 ppm	5% of fs	30s
NH3	1000 ppm	5% of fs	30s
NO	100 ppm	5% of fs	30s
<b>Other Optional Channels</b>			
Temperature (with external probe)	-10 to 100c	0.5c	0.1c
<b>GFM430</b>			
Flow Range	+100 to -60 litres per hour		
Flow Resolution	0.1 litres per hour		
Differential Pressure	+1000/-1000 Pa		
Gas Velocity (with optional vane anemometer)	0-40 m/s	0.01 m/s resolution	