

GPR-7100

Portable H2S Analyzer (PPM)

Product Parent Code: GPR-7100		
ATEX certified intrinsically safe portable PPM H2S analyzer with 3 measurement ranges: 0-20 to 0-100 PPM or 0-500 to 0-2000 PPM H2S; manual or auto-ranging; 0-1V DC signal output; coalescing filter; dual flowmeters for sample and air dilution drawn by integral pump; stainless steel wetted parts and 1/8" tube fittings; rechargeable battery power with 9V charger; robust aluminum enclosure.		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature X}		
Feature	Item	Description
Feature {A}	Base Model	
	GPR-7100	Portable H2S analyzer (PPM)
Feature {B}	Type	
	B2	Intrinsically Safe (ATEX)
Feature {C}	Sampling	
	C0	No additional sampling
	C1	6" H2S scrubber (for outlet)
Feature {D}	Sensor	
	D1	OSV-72-7HH : (0-20, 0-50, 0-100PPM)
	D2	OSV-72-7H: (0-500, 0-1000, 0-2000PPM)
Feature {E}	Power	
	E1	UK
	E2	Europe
	E3	USA
	E4	Australia
Feature {X}	Optiond (Only add if required)	
	X1	Carrying Case

Ordering Examples

GPR-7100 +B2+C1+D2+E2+X1+X1	Portable H2S analyzer (PPM), Intrinsically Safe (ATEX), 6" H2S scrubber (for outlet) sampling, OSV-72-7H: (0-500, 0-1000, 0-2000PPM) sensor, European power plug, Carrying Case, Integral data logger
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Please note: Analytical Industries Inc. adopts a continuous development program which sometimes necessitates specification changes without notice.

Please contact us for the latest version. Issue No: GPR-7100_V3

GPR-7500 IS

H2S Transmitter (PPM)

Product Parent Code: GPR-7500 IS		
ATEX or UL certified intrinsically safe PPM H2S transmitter is 18-28V DC 2-wire loop powered and provides a 4-20mA output with 3 measurement ranges 0-20 to 0-100 PPM H2S or 0-500 to 0-2000 PPM H2S; manual or auto-ranging; coalescing filter with drain; stainless steel pipe-work; sensor housing, 3-way sample/span valve, dual flowmeters with needle valves for sample and dilution-air (requires compressed air or optional dilution air pump), 1/4" inlet and 3/8" vent tube fittings; 16"x 16" wall mount panel.		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature X}		
Feature	Item	Description
Feature {A}	Base Model	
	GPR-7500IS	H2S Transmitter (PPM)
Feature {B}	Type	
	B1	UL certified (Class I, Division I, Groups B, C, D)
	B2	ATEX certified
Feature {C}	Sample System	
	C1	Basic sample system (requires compressed air) [Choose D1 or D2]
	C2	Standard sample system (with dilution air pump) [Choose D1 or D2]
	C3	Liquid Drain System [Choose D3 or D4]
	C4	Liquid Drain System (with dilution air pump) [Choose D3 or D4]
Feature {D}	Sensor	
	D1	OSV-72-7HH: (0-20, 0-50, 0-100PPM)
	D2	OSV-72-7H: (0-500, 0-1000, 0-2000PPM)
	D3	OSV-72-7HH-LD: (0-20, 0-50, 0-100PPM)
	D4	OSV-72-7H-LD: (0-500, 0-1000, 0-2000PPM)
Feature {M}	Material Certificates	
	M0	No material certificate
	M1	Material certificate to BS EN 10204 – type 3.1
Feature {X}	Options (Only add if required)	
	X0	None fitted
	X1	ENCL-1079: GRP enclosure with window (for outdoor installation)
	X2	ENCL-1105: GRP enclosure without window (for outdoor installation)
	X3	SS Enclosure with Window
	X4	SS Enclosure without Window
	X5	Fixed 10PSI Inlet Pressure Regulator

Notes: Optional integral air pump for diluting sample requires separate 12V DC power source.
Liquid Drain (LD) models replace the coalescing filter with a special LD sampling block.

Ordering Examples

GPR-7500IS+B1+C1+D1+M0	H2S Transmitter (PPM), UL certified (Class I, Division I, Groups C, D), Standard sample system (requires compressed air), OSV-72-7HH: (0-20, 0-50, 0-100PPM) sensor, no material certificate
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GPR-7500 AIS

H2S analyzer (PPM)

Product Parent Code: GPR-7500 AIS		
ATEX or UL certified intrinsically safe PPM H2S analyzer with barometric compensation; 3 measurement ranges 0-20 to 0-100 PPM H2S or 0-500 to 0-2000 PPM H2S; manual or auto-ranging; 2 user configurable alarm contacts; 4-20mA or 1-5V DC signal output; modbus communications (DC only); coalescing filter with drain; stainless steel pipe-work: sensor housing, 3-way sample/span valve, dual flowmeters with needle valves for sample and dilution-air (requires compressed air or optional dilution air pump), 1/4" inlet and 3/8" vent tube fittings; 12-28V DC or 100-240V AC (ATEX only) power; 16"x 16" wall mount panel.		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+...+{Feature X}		
Feature	Item	Description
Feature {A}	Base Model	
	GPR-7500AIS	H2S Analyzer (PPM)
Feature {B}	Type	
	B1	UL certified (Class I, Division I, Groups C, D)
	B2	ATEX certified
Feature {C}	Sample System	
	C1	Basic sample system (requires compressed air) [Choose D1 or D2]
	C2	Standard sample system (with dilution air pump) [Choose D1 or D2]
	C3	Liquid Drain System [Choose D3 or D4]
	C4	Liquid Drain System (with dilution air pump) [Choose D3 or D4]
Feature {D}	Sensor	
	D1	OSV-72-7HH: (0-20, 0-50, 0-100PPM)
	D2	OSV-72-7H: (0-500, 0-1000, 0-2000PPM)
	D3	OSV-72-7HH-LD: (0-20, 0-50, 0-100PPM)
	D4	OSV-72-7H-LD: (0-500, 0-1000, 0-2000PPM)
Feature {E}	Power	
	E1	12-28VDC
	E2	100-240VAC (ATEX only)
Feature {F}	Data Communications	
	F0	Not fitted
	F1	MODBUS (DC models only)
Feature {G}	Analog Outputs	
	G1	4-20mA
	G2	1-5V
Feature {M}	Material Certificates	
	M0	No material certificate
	M1	Material certificate to BS EN 10204 – type 3.1
Feature {X}	Options (Only add if required)	
	X0	None fitted
	X1	ENCL-1079: GRP enclosure with window (for outdoor installation)
	X2	ENCL-1105: GRP enclosure without window (for outdoor installation)
	X3	SS Enclosure with Window
	X4	SS Enclosure without Window
	X5	Fixed 10PSI Inlet Pressure Regulator

Notes: Optional integral air pump for diluting sample requires separate 12V DC power source.
Liquid Drain (LD) models replace the coalescing filter with a special LD sampling block.

Ordering Examples

GPR-7500AIS +B1+C1+D2+E1+F1+G1+M0	H2S Analyzer (PPM), type AIS: UL certified, Standard sample system, OSV-72-7H: (0-500, 0-1000, 0-2000PPM) sensor, MODBUS (DC models only), 4-20mA analog output, 12-28VDC power, no material certificate
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