

Fixed Systems Specialty Products

Digester Gas Monitor

Powered by 24 VDC only. Redesigned in November 2024 to shut itself off in the event of an internal leak that causes the combustible gas level inside the housing to reach 10% LEL.

ORDERING INFORMATION: When ordering a Digester Gas Monitor please specify the following:

- 1) Select gas combination below specifying H2S ranges as 500 ppm, 1,000 ppm, 3,000 ppm, or 5,000 ppm.
- 2) For H2S ranges of 500 ppm, 3,000 or 5,000 ppm on 1, 2 or 3 gas versions, add -05K, -3K or -5K to the end of the part number.
- 3) For gas combinations not listed below, please consult the factory.
- 4) Prices below are only guidelines. Consult the factory for a quotation.

Note: Standard discounts do not apply to Digester products. All Digester quotations must come from the factory.



4 Gas Models

Part#	Description	Suggested Retail
72-2120A-401	Digester gas monitor, 100% volume CH4 / 25% volume O2 / 50% volume CO2 / 1,000 ppm H2S	 19,935.00
72-2120A-401-05K	Digester gas monitor, 100% volume CH4 / 25% volume O2 / 50% volume CO2 / 500 ppm H2S	 19,700.00
72-2120A-401-3K	Digester gas monitor, 100% volume CH4 / 25% volume O2 / 50% volume CO2 / 3,000 ppm H2S	 19,935.00
72-2120A-401-5K	Digester gas monitor, 100% volume CH4 / 25% volume O2 / 50% volume CO2 / 5,000 ppm H2S	 19,935.00

3 Gas Models

Part#	Description	Suggested Retail
72-2120A-301	Digester gas monitor, 100% volume CH4 / 25% volume O2 / 1,000 ppm H2S	 19,330.00
72-2120A-302	Digester gas monitor, 100% volume CH4 / 25% volume O2 / 50% volume CO2	 19,400.00
72-2120A-303	Digester gas monitor, 100% volume CH4 / 50% volume CO2 / 1,000 ppm H2S	 19,500.00
72-2120A-304	Digester gas monitor, 25% volume O2 / 50% volume CO2 / 1,000 ppm H2S	 19,500.00

2 Gas Models

Part#	Description	Suggested Retail
72-2120A-201	Digester gas monitor, 100% volume CH4 / 25% volume O2	 19,025.00
72-2120A-202	Digester gas monitor, 100% volume CH4 / 1,000 ppm H2S	 19,125.00
72-2120A-203	Digester gas monitor, 100% volume CH4 / 50% volume CO2	 19,100.00
72-2120A-204	Digester gas monitor, 25% volume O2 / 1,000 ppm H2S	 18,825.00
72-2120A-205	Digester gas monitor, 25% volume O2 / 50% volume CO2	 18,200.00

1 Gas Models

Part#	Description	Suggested Retail
72-2120A-101	Digester gas monitor, 100% volume CH4	 18,600.00
72-2120A-102	Digester gas monitor, 25% volume O2	 18,300.00
72-2120A-103	Digester gas monitor, 1,000 ppm H2S	 18,620.00
72-2120A-104	Digester gas monitor, 50% volume CO2	 18,225.00

Digester Calibration Kits

Instrument #	Cal-Kit Part #	Cal-Kit Description	Price
72-2120A-103	81-2120-103-1K	Cal kit, Digester 101, 58AL cyl H2S 200 ppm in N2, demand flow regulator, case, and tubing	490.00
72-2120A-401	81-2120-401-1K	Cal kit, Digester 401, 58L steel cyl CO2 40% vol / CH4 60% vol in N2, 58AL cyl H2S 200 ppm in N2, demand flow regulator, case, and tubing	615.00
	81-2120-401-5K	Cal kit, Digester 401, 58L steel cyl CO2 40% vol / CH4 60% vol in N2, 58AL cyl H2S 500 ppm in N2, demand flow regulator, case, and tubing	615.00

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Digester Replacement Parts & Accessories

Part#	Description	Suggested Retail
31-0023RK	Flowmeter, 0.2 - 2.0 SCFH, stainless steel ftngs, with valve	226.00
31-0030RK	Flowmeter, 0.6 - 5 SCFH, stainless steel ftgs, 1/8 NPT, without valve	111.00
31-3002-01	Regulator, 1/4 NPT ports, 150 psi max input, 0-0.5 psi output with INCREASE label, Digester	1,195.00
32-0209RK	Solenoid Valve, 3-Way, multi-purpose, 1/8 NPT Female, 24 VDC, stainless steel	156.00
32-0210RK	Solenoid Valve, 2-Way, Normally Closed, 1/8 NPT Female, 24 VDC, stainless steel	346.00
32-0221-02	Solenoid Valve for Digester inlet, EPDM and polypropylene with label	736.00
32-0221-03	Solenoid Valve for Digester inlet, EPDM and polypropylene, retrofit kit to replace SS valve	738.00
33-0164RK	Filter, oil mist removal, Balston, 9900-05-BK, EAGLE / EAGLE 2 / marine	55.00
33-0167RK	Filter, particulate, CF-8369	27.00
33-0171RK	Filter replacement, AcroPak 300 with PTFE membrane, 0.2 um	233.00
33-0413RK	Filter, Water Trap, 5 micron element, Polycarbonate Bowl, Female 1/4"NPT	127.00
33-2100RK	Dryer, gas, w/12 inch long tube, polypropylene, Perma Pure MD-110-12P	698.00
51-0096RK-10	Adder, strobe / horn for Digester Gas Monitor	180.00
61-0140RK-01	Sensor, LEL, 1/2" NPT, CH4 (NC-6241), without rain shield	284.00
61-5040RK-05	Sensor, IR Carbon Dioxide (CO2) 0-50%, plug-in type, non-explosion proof	420.00
61-5041RK-CH4	Sensor, IR Methane (CH4) 0 - 100% vol, plug-in	420.00
65-2039RK	Sensor, Hydrogen Sulfide (H2S) 0-200 ppm / 1,000 ppm	577.00
75-0038	Standby battery, 12AH, with charger circuit added to Digester controller	567.00
81-0002RK-01	Cylinder, H2, 50% LEL in air, 34L steel	58.00
81-1051RK	Regulator, with gauge & knob, 34AL/58AL/103L steel, 0.5 LPM, C-10 fitting	140.00
81-1112RK-01	Cal cup with diffuser holes, for 1/2 NPT sensor	55.00
OS-C11	Sensor, Oxygen with cable and pigtail, CO2 resistant	658.00

Paper Tape Monitors

ORDERING INFORMATION: When ordering a Paper Tape system please specify the following:

- 1) Paper tape machine (specify gas and range)
- 2) Replacement tape (specify gas and range)
- 3) Consult factory before selecting any paper tape monitor



Part#	Description	Suggested Retail
FP-300	Model FP-300 paper tape machine	5,565.00
FP-301-ASH3	Model FP-301 paper tape machine for Arsine AsH3, 0 - 15 ppb	6,325.00
FP-300A-BF3	Model FP-300 paper tape machine for Boron Trifluoride, 0 - 3 ppm	6,325.00
FP-300A-HBR	Model FP-300 paper tape machine for Hydrogen Bromine HBr, 0 - 2 ppm	6,325.00
FP-300AGZS	Model FP-300 paper tape machine for C4F6/C5F8, 0 - 5.00 ppm	9,715.00

Replacement Parts

65-FC-010	Tape FC-010 for Ammonia NH3, FP-300	179.00
65-FCL-001	Tape FCL-001 for Arsine AsH3, FP-300/-301	179.00
65-FCL-015	Tape FCL-015 for Chlorine Cl2, FP-300	179.00
30-1016RK	Replacement pump for 35-3001/GD-K7D2/GD-K77D/1017, 24 VDC, with connectors & cable, RP-D24A-1	158.00
33-0165RK	Filter, Millipore, PTFE, Disc type, hydrophobic, EAGLE, Fixed Systems	34.00
65-FC-303	Tape FC-303 for Chlorine Cl2, 0 - 0.5 ppm, FP-300	179.00
65-FCL-002	Tape FCL-002 for Silane SiH4, FP-300	170.00

Part#	Description	Suggested Retail
FP-330	Model FP-330 paper tape machine for formaldehyde	6,450.00

Replacement Parts

65-FCL-018	Tape FCL-018 for formaldehyde, for FP-330	137.00
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Replacement Parts For Discontinued FP-260AGZS

Part#	Description	Suggested Retail
65-FVL-004	Tape FVL-004 for Hydrogen Chloride HCl	85.00
65-FVL-006	Tape FVL-006 for Hexafluoroacetylene Acetone Hhfac (CF3COCH2COCF3)	85.00

