

Fixed Systems Sensors & Transmitters

GD-70D Sample Drawing Sensor / Transmitter For Toxic Gases



Standard Versions

Part#	Description	Suggested Retail
GD-70D-LEL-CH4	Smart transmitter, GD-70D for Methane (CH4), 0-100% LEL	1,395.00
GD-70D-LEL-H2	Smart transmitter, GD-70D for Hydrogen (H2), 0-100% LEL	1,395.00
GD-70D-MOS-XXX	Smart transmitter, GD-70D with metal oxide sensor, (specify gas & range)	1,495.00
GD-70D-NS	Smart transmitter, GD-70D toxic gas monitor with no sensor	1,000.00
GD-70D-OXY-EC	Smart transmitter, GD-70D for Oxygen (O2), 0-25%	1,495.00
GD-70D-XXX	Smart transmitter, GD-70D toxic gas monitor (XXX denotes the gas, see chart below)	1,495.00
GD-70DP-NF3	Smart transmitter, GD-70D for Nitrogen Trifluoride (NF3), 0-30 ppm, includes pyrolyzer	2,245.00
GD-70DP-TEOS	Smart transmitter, GD-70D for TEOS, 0-15 ppm, includes pyrolyzer	2,245.00
PLU-70	Pyrolyzer unit only for GD-70D	750.00

LonWorks Versions

LonWorks is a networking platform used by the GD-70D to communicate readings and alarms between a PLC and the transmitter.

Part#	Description	Suggested Retail
GD-70DLN-LEL-CH4	Smart transmitter, GD-70D for Methane (CH4), 0-100% LEL with LonWorks	1,650.00
GD-70DLN-LEL-H2	Smart transmitter, GD-70D for Hydrogen (H2), 0-100% LEL with LonWorks	1,650.00
GD-70DLN-MOS	Smart transmitter, GD-70D with MOS sensor, (specify gas & range), with LonWorks	1,750.00
GD-70DLN-OXY-EC	Smart transmitter, GD-70D for Oxygen (O2) 0-25%, with LonWorks	1,750.00
GD-70DLN-XXX	Smart transmitter, GD-70D toxic gas monitor with LonWorks (XXX denotes the gas)	1,750.00
GD-70DPLN-NF3	Smart transmitter, GD-70D for Nitrogen Trifluoride, 0-30 ppm, includes pyrolyzer, with LonWorks	2,500.00
GD-70DPLN-TEOS	Smart transmitter, GD-70D for TEOS, 0-15 ppm, includes pyrolyzer, with LonWorks	2,500.00

GD-70D Toxic Gases & Ranges		
Measurable Gases	Range	Part #
Ammonia	75 ppm	GD-70D-NH3
Arsine	0.2 / 1.5 ppm	GD-70D-ASH3
Boron Trichloride	15 ppm	GD-70D-BCl3
Boron Trifluoride	9 ppm	GD-70D-BF3
Bromine	1 ppm	GD-70D-BR2
Carbon Monoxide	75 ppm (ESU-23)	GD-70D-CO-02
Carbon Monoxide	75 ppm (ESU-231)	GD-70D-CO-12
Carbon Monoxide	150 ppm (ESU-23)	GD-70D-CO-01
Carbon Monoxide	150 ppm (ESU-231)	GD-70D-CO-11
Carbon Monoxide	300 ppm (ESU-23)	GD-70D-CO-03
Carbon Monoxide	300 ppm (ESU-231)	GD-70D-CO-13
Chlorine	3 ppm	GD-70D-CL2
Chlorine Trifluoride	0.6 ppm	GD-70D-CLF3-A
Diborane	0.3 ppm	GD-70D-B2H6
Dichlorosilane	15 ppm	GD-70D-DCS
Diethylamine	15 ppm	GD-70D-DEA
Dimethylamine	15 ppm	GD-70D-DMA
Disilane	15 ppm	GD-70D-Si2H6
Fluorine	3 ppm	GD-70D-F2
Germane	0.8 ppm	GD-70D-GEH4
Hydrogen Bromide	6 / 9 ppm	GD-70D-HBR-06 / -09
Hydrogen Chloride	6 / 15 ppm	GD-70D-HCL-06E / 15E
Hydrogen Cyanide	15 ppm	GD-70D-HCN
Hydrogen Fluoride	3 / 9 ppm	GD-70D-HF-03 / -09
Hydrogen Selenide	0.2 ppm	GD-70D-H2SE
Hydrogen Sulfide	1 / 30 ppm	GD-70D-H2S-01 / -30
Nitric Oxide	100 ppm	GD-70D-NO
Nitrogen Dioxide	9 / 15 ppm	GD-70D-NO2-09 / -15
Nitrogen Tetraoxide	15 PPM	GD-70D-N2O4
Ozone	0.6 ppm	GD-70D-O3
Phosphine	1 ppm (ESU-23AH)	GD-70D-PH3-AH
Phosphine	1 ppm (ESU-23DH)	GD-70D-PH3-DH
Silane	15 ppm (ESU-23AH)	GD-70D-SiH4-AH
Silane	15 ppm (ESU-23DH)	GD-70D-SiH4-DH
Silicon Tetrachloride	15 ppm	GD-70D-SiCl4
Silicon Tetrafluoride	9 ppm	GD-70D-SiF4
Sulfur Dioxide	6 ppm	GD-70D-SO2
Sulfur Tetrafluoride	9 ppm	GD-70D-SF4
Tetraethyl Orthosilicate	15 ppm	GD-70D-TEOS
Trichlorosilane	15 ppm	GD-70D-TCS
Trimethylamine	15 ppm	GD-70D-TMA
Tungsten Hexafluoride	9 ppm	GD-70D-WF6

GD-70D MOS Gases & Ranges		
Measurable Gases	Range	Part #
1,1 Dichloroethylene (DCE)	600 ppm	GD-70D-MDCE
Dichloromethane (DME)	2,000 ppm	GD-70D-MDCM
Hydrogen	500 ppm	GD-70D-MH2-S500
Hydrogen	1,000 ppm	GD-70D-MH2-S1K
Hydrogen	2,000 ppm	GD-70D-MH2-S2K
Hydrogen	2% vol	GD-70D-MH2-20K
Isopropyl Alcohol	2,000 ppm	GD-70D-MIPA-2K
Methane	2,000 ppm	GD-70D-MCH4-2K
Methane	5,000 ppm	GD-70D-MCH4-5K
Methane	2% vol	GD-70D-MCH4-20K
Methanol	1,000 ppm	GD-70D-MCH3OH-1
Methanol	2,000 ppm	GD-70D-MCH3OH-2
Propane	2,000 ppm	GD-70D-MC3H8-2K
Propane	5,000 ppm	GD-70D-MC3H8-5K
R-32	2,000 ppm	GD-70D-MR32
R-41	2,000 ppm	GD-70D-MR41

GD-70D LEL (catalytic) & O2 Gases & Ranges		
Measurable Gases	Range	Part #
Hydrogen	100% LEL	GD-70D-LEL-H2
Hydrogen	2% vol	GD-70D-H2-20K
Isobutane	100% LEL	GD-70D-ISOB
Methane	100% LEL	GD-70D-LEL-CH4
Methane	2% vol	GD-70D-CH4-20K
Oxygen	25% vol	GD-70D-OXY-EC

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GD-70D Replacement Parts

Replacement Parts

Part#	Description	Suggested Retail
30-1020RK	Pump, RP-70 for GD-70D	55.00
31-1011-01	Flow sensor for GD-70D	80.00



GD-70D Replacement Catalytic / Oxygen / TEOS Sensors

Part#	Description	Suggested Retail
ESU-X23-OXY	Smart transmitter, GD-70D for Oxygen (O2), 0-25% with EC sensor	495.00
NCU-6211-C4H10	Sensor, Isobutane (iC4H10) 0-100% LEL, sensor unit	395.00
NCU-6211-H2	Sensor, Hydrogen (H2) 0-100% LEL, sensor unit	395.00
NCU-6211-H2-20K	Sensor, Hydrogen (H2) 0-2% volume, sensor unit.....	395.00
NCU-6213-CH4	Sensor, Methane (CH4) 0-100% LEL, sensor unit	395.00
SSU-TEOS	Sensor, TEOS 0-15 ppm, ionization sensor unit.....	495.00



GD-70D Replacement EC Toxic Sensors

Part#	Description	Suggested Retail
ESU-23R-NH3	Sensor, Ammonia (NH3), 0-75 ppm, sensor/amp unit for GD-70D	495.00
ESU-23AHS-ASH3	Sensor, Arsine (AsH3), 0-0.20 ppm, sensor/amp unit for GD-70D	495.00
ESU-K233-BR2	Sensor, Bromine (Br2), 0-1.0 ppm, sensor/amp unit for GD-70D	495.00
ESU-23-CO-150	Sensor, Carbon Monoxide (CO), 0-150 ppm, sensor/amp unit for GD-70D	495.00
ESU-K233-CL2	Sensor, Chlorine (Cl2), 0-3.0 ppm, sensor/amp unit for GD-70D	495.00
ESU-K233CS-CLF3	Sensor, Chlorine Trifluoride (ClF3), 0-0.60 ppm, sensor/amp unit for GD-70D	495.00
ESU-23AY-B2H6	Sensor, Diborane (B2H6), 0-0.30 ppm, sensor/amp unit for GD-70D	495.00
ESU-23RV-DEA	Sensor, Diethylamine (C2H5)2NH, 0-15.00 ppm, sensor/amp unit for GD-70D	495.00
ESU-23RV-DMA	Sensor, Dimethylamine (CH3)2NH, 0-15.00 ppm, sensor/amp unit for GD-70D	495.00
ESU-23DH-Si2H6	Sensor, Disilane (Si2H6), 0-15 ppm, sensor/amp unit for GD-70D (with H2 response)	495.00
ESU-K233-F2	Sensor, Fluorine (F2), 0-3.0 ppm, sensor/amp unit for GD-70D	495.00
ESU-23DH-GEH4	Sensor, Germane (GeH4), 0-0.80 ppm, sensor/amp unit for GD-70D	495.00
ESU-23E-N2H4	Sensor, Hydrazine (N2H4), 0-5.00 ppm, sensor/amp unit for GD-70D	495.00
ESU-23E-HBR-06	Sensor, Hydrogen Bromide (HBr), 0-6.00 ppm, sensor/amp unit for GD-70D	495.00
ESU-23E-HBR-09	Sensor, Hydrogen Bromide (HBr), 0-9.00 ppm, sensor/amp unit for GD-70D	495.00
ESU-23E-HCL-15	Sensor, Hydrogen Chloride (HCl), 0-15 ppm, sensor/amp unit for GD-70D (standard range)	495.00
ESU-23E-HCL-06	Sensor, Hydrogen Chloride (HCl), 0-6.00 ppm, sensor/amp unit for GD-70D	495.00
ESU-23DH-HCN	Sensor, Hydrogen Cyanide (HCN), 0-15 ppm, sensor/amp unit for GD-70D	495.00
ESU-K233-HF-09	Sensor, Hydrogen Fluoride (HF), 0-9.0 ppm, sensor/amp unit for GD-70D	495.00
ESU-23SD-H2SE	Sensor, Hydrogen Selenide (H2Se), 0-0.20 ppm, sensor/amp unit for GD-70D	495.00
ESU-237IF-H2S	Sensor, Hydrogen Sulfide (H2S), 0-1.0 ppm, sensor/amp unit for GD-70D	495.00
ESU-237-H2S	Sensor, Hydrogen Sulfide (H2S), 0-30 ppm, sensor/amp unit for GD-70D	495.00
ESU-23RV-CH3NH2	Sensor, Methylamine (CH3NH2), 0-15 ppm, sensor/amp unit for GD-70D	495.00
ESU-K233-HNO3	Sensor, Nitric Acid (HNO3), 0-20.0 ppm, sensor/amp unit for GD-70D	495.00
ESU-23A-NO	Sensor, Nitric Oxide (NO), 0-100 ppm, sensor/amp unit for GD-70D	495.00
ESU-23AH-NO2-15	Sensor, Nitrogen Dioxide (NO2), 0-15 ppm, sensor/amp unit for GD-70D	495.00
ESU-23AH-NO2-09	Sensor, Nitrogen Dioxide (NO2), 0-9 ppm, sensor/amp unit for GD-70D	495.00
ESU-23AH-D-NF3	Sensor, Nitrogen Trifluoride (NF3), 0-30 ppm, sensor/amp unit for GD-70D	495.00
ESU-K239C-S-O3	Sensor, Ozone (O3), 0-0.60 ppm, sensor/amp unit for GD-70D	495.00
ESU-K239C-S-O31	Sensor, Ozone (O3), 0-1.00 ppm, sensor/amp unit for GD-70D	495.00
ESU-23AH-PH3	Sensor, Phosphine (PH3), 0-1.0 ppm, sensor/amp unit for GD-70D (no H2 response)	495.00
ESU-23DH-PH3	Sensor, Phosphine (PH3), 0-1.0 ppm, sensor/amp unit for GD-70D (with H2 response).....	495.00
ESU-23AH-SiH4	Sensor, Silane (SiH4), 0-15 ppm, sensor/amp unit for GD-70D (no H2 response)	495.00
ESU-23DH-SiH4	Sensor, Silane (SiH4), 0-15 ppm, sensor/amp unit for GD-70D (with H2 response).....	495.00
ESU-238-SO2	Sensor, Sulfur Dioxide (SO2), 0-6.0 ppm, sensor/amp unit for GD-70D	495.00
ESU-23RV-TMA	Sensor, Trimethylamine ((CH3)3N), 0-15 ppm, sensor/amp unit for GD-70D	495.00

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GD-70D Replacement MOS Sensors

Part#	Description	Suggested Retail
SGU-8521-ACE-1K	Sensor, Acetone (C3H6O), 0-1000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-CH3CN	Sensor, Acetonitrile (CH3CN), 0 - 2,000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-C2H2-2	Sensor, Acetylene (CH2H2), 0 - 2,000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8562-COS-2K	Sensor, Carbonyl sulfide (COS), 0 - 2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8513-DCE-6	Sensor, Dichloroethene (C2H2Cl2), 0 - 600 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8513-DCE-7	Sensor, Dichloroethene (C2H2Cl2), 0 - 600 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8523-DCM-2K	Sensor, Dichloromethane (DCM), 0-2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-R32-2K	Sensor, Difluoromethane (CH2F2), 0-2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-R32-9K	Sensor, Difluoromethane (CH2F2), 0-9000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-C2H4-2	Sensor, Ethylene (CH2H4), 0 - 2,000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-R41-2K	Sensor, Fluoromethane (CH3OH), 0-2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-C4F6A	Sensor, Hexafluorobutadiene (C4F6), 0 - 200 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8541-H2-500	Sensor, Hydrogen (H2) specific, 0 - 500 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-H2-500	Sensor, Hydrogen (H2), 0 - 500 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-H2-1K	Sensor, Hydrogen (H2), 0-1000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8541-H2-1K	Sensor, Hydrogen (H2), 0-1000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8511-H2-20K	Sensor, Hydrogen (H2), 0-2.0% vol, MOS sensor/amp unit for GD-70D	495.00
SGU-8541-H2-2K	Sensor, Hydrogen (H2), 0-2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8541-H2-4K	Sensor, Hydrogen (H2), 0-4000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-IPA-2K	Sensor, Isopropylalcohol (CH3CHOHCH3), 0-2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8511-CH4-5K	Sensor, Methane (CH4), 0 - 5000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8511-CH4-20	Sensor, Methane (CH4), 0-2.0% vol, MOS sensor/amp unit for GD-70D	495.00
SGU-8581-CH4-2K	Sensor, Methane (CH4), 0-2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-MET-1K	Sensor, Methanol (CH3OH), 0-1000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8521-MET-2K	Sensor, Methanol (CH3OH), 0-2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8511-C3H8-2	Sensor, Propane (C3H8), 0 - 2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8511-C3H8-5	Sensor, Propane (C3H8), 0 - 5000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8511-C3H6-2	Sensor, Propylene (C3H6), 0 - 2000 ppm, MOS sensor/amp unit for GD-70D	495.00
SGU-8511-C3H6-5	Sensor, Propylene (C3H6), 0 - 5000 ppm, MOS sensor/amp unit for GD-70D	495.00

Notes

- Consult factory for additional PPM ranges available.

GD-70D with Pyrolyzer

