

Premier Portable Instruments

GX-6100 Instrument Price Includes

Part#	Description	
20-0326	Rubber protective boot for GX-6000/GX-6100, black	38.00
49-1638	Battery pack, alkaline, BUD-6100 for GX-6100	0.00
49-1639	Battery pack, Li-Ion, BUL-6100 for GX-6100	0.00
80-0006-03P	Hose for GX-6000/GX-6100/RX-8500/RX-8700, Teflon lined, with probe	79.00

GX-6100 Common Configurations

Part#	Description	Suggested Retail
72-61AAXX-C	GX-6100 for LEL / O ₂ / H ₂ S / CO / VOC's (0 - 40,000 ppb PID) with Li-Ion battery pack and 115 VAC charger	4,480.00
72-61ABIX-C	GX-6100 for LEL / O ₂ / H ₂ S / CO / VOC's (0 - 4,000 ppm PID) / SO ₂ with Li-Ion battery pack and 115 VAC charger	3,730.00
72-61ABKX-C	GX-6100 for LEL / O ₂ / H ₂ S / CO / VOC's (0 - 4,000 ppm PID) / NO ₂ with Li-Ion battery pack and 115 VAC charger	3,730.00
72-61ABLX-C	GX-6100 for LEL / O ₂ / H ₂ S / CO / VOC's (0 - 4,000 ppm PID) / HCN with Li-Ion battery pack and 115 VAC charger	3,730.00
72-61ABXX-A		3,195.00
72-61AXXX-C	GX-6100 for LEL / O ₂ / H ₂ S / CO with Li-Ion battery pack and 115 VAC charger	2,040.00
72-61AZB-C	GX-6100 for LEL / O ₂ / H ₂ S / CO / VOC's (0 - 100 ppm /-50 ppm Benzene PID) / VOC's (0 - 4,000 ppm PID) with tube holder, box of 10 tubes, Li-Ion battery pack and 115 VAC charger	5,865.00
72-61AZXX-C	GX-6100 for LEL / O ₂ / H ₂ S / CO / VOC's (0 - 100 ppm /-50 ppm Benzene PID) with tube holder, box of 10 tubes, Li-Ion battery pack and 115 VAC charger	4,450.00
72-61XAXX-C	GX-6100 for VOC's (0 - 40,000 ppb PID) with Li-Ion battery pack and 115 VAC charger	4,280.00
72-61XBXX-C	GX-6100 for VOC's (0 - 4,000 ppm PID, 10.6 eV lamp) with Li-Ion battery pack and 115 VAC charger ...	3,255.00
72-61XZBX-C	GX-6100 for Benzene specific (0 - 50 ppm PID, 10.0 eV lamp) with tube holder, box of 10 tubes, VOC's (0 - 4,000 ppm PID, 10.6 eV lamp) (Li-Ion battery pack, and charger	5,665.00
72-61XZXX-C	GX-6100 for Benzene specific (0 - 50 ppm PID) with tube holder, box of 10 tubes, Li-Ion battery pack, and charger	4,250.00

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Special Attention Combinations

Listed below are some gas combinations that can be installed into one GX-6100 but that have limitations of operations that must be discussed and understood by the customer prior to purchase. Some have special filters installed for improved specificity.

A.	SO ₂ / NO ₂ *	9 ppm NO ₂ reads -10.4 SO ₂ 6 ppm SO ₂ reads -3.8 ppm NO ₂
B.	Cl ₂ / SO ₂	6 ppm SO ₂ reads 3 ppm Cl ₂
C.	NH ₃ / NO ₂	9 ppm NO ₂ reads -5.7 ppm NH ₃
D.	H ₂ S / MOS	H ₂ S exposure could inflate ppm CH ₄ readings by as much as 13 times. MOS sensor must be recalibrated after H ₂ S exposure

* This combination is only practical if only one gas is present at a time due to cross interference.

Impractical Combinations

Some combinations of gases are not practical in the same GX-6100 due to interference issues. If you do not see the combination you want in the price list, please consult the factory. Please see below for BAD combinations (not practical) or combinations which require special attention.

A.	HCN / SO ₂	6 ppm SO ₂ reads 11.4 ppm HCN
B.	HCN / NO ₂	9 ppm NO ₂ reads -20.8 HCN
C.	H ₂ S / Cl ₂	H ₂ S suppresses Cl ₂ reading

GX-6100 Replacement Sensors

Part#	Description	Suggested Retail
NCR-6309	Sensor, LEL 0-100% for GX-3R / GX-3R Pro / GX-Force / GX-6100	160.00
ESR-X13P-OXY	Sensor, Oxygen (O ₂) 0-25% vol for GX-3R / GX-3R Pro / GX-Force / GX-6100 / GX-9000 /	160.00
ESR-A13I-H ₂ S	Sensor, Hydrogen Sulfide (H ₂ S) 0-200 ppm for GX-3R / GX-3R Pro / GX-Force / GasWatch 3 / 04 Series / GX-6100 / GX-9000	160.00
ESR-A1CP-CO-H	Sensor, Carbon Monoxide (CO) 0-2000 ppm with H ₂ compensation for GX-3R / GX-3R Pro / GX-Force / GasWatch 3 / 04 Series / GX-6100	255.00
ESR-A1DP-COHS	Sensor, CO/H ₂ S combination, CO 0-2000 ppm, H ₂ S 0-200 ppm for GX-3R / GX-3R Pro / GX-Force / GasWatch 3 / 04 Series / GX-6100	255.00
ESR-A13P-CO	Sensor, Carbon Monoxide (CO) 0-2000 ppm for GX-3R / GX-3R Pro / GX-Force / GasWatch 3 / 04 Series / GX-6100 / GX-9000	160.00
PID-001LA	Sensor, PID, 10.6 eV lamp, VOC 0-40 ppm for GX-6000 / GX-6100	2,390.00
PID-002LA	Sensor, PID, 10.6 eV lamp, VOC 0-4,000 ppm for GX-6000 / GX-6100 ...	1,365.00
PID-003L	Sensor, PID, 10.0 eV lamp, VOC 0-100 ppm, Benzene specific 0.01-50 ppm for GX-6000 / GX-6100	2,205.00
PID-004	Sensor, PID, 11.7 eV lamp, VOC 0-1000 ppm, for GX-6000 / GX-6100 ...	2,100.00
DES-3311-3	Sensor, IR, Methane (CH ₄) 0 - 100% LEL / 0 - 100% volume auto range f or GX-6000 / GX-6100.....	420.00
DES-3311-2	Sensor, IR, Hydrocarbons (HC) 0 - 100% LEL / 0 - 30% volume auto range for GX-6000 / GX-6100	420.00
DES-3311-4	Sensor, IR, Carbon Dioxide (CO ₂) 0 - 10,000 ppm for GX-6000 / GX-6100	420.00
DES-3311-4-01	Sensor, IR, Carbon Dioxide (CO ₂) 0 - 10,000 ppm with scrubber for GX-6000 / GX-6100	470.00
DES-3311-1	Sensor, IR, Carbon Dioxide (CO ₂) 0 - 10% for GX-6000 / GX-6100	420.00
DES-3311-1-01	Sensor, IR, Carbon Dioxide (CO ₂) 0 - 10% with scrubber for GX-6000 / GX-6100	470.00
ESS-B332-NH ₃	Sensor, Ammonia (NH ₃), 0-400 ppm for GX-6000 / GX-6100	275.00
ESS-03DH-HCN	Sensor, Hydrogen Cyanide (HCN) 0 - 15 ppm for GX-6000 / GX-6100	275.00
ESS-B335-Cl ₂	Sensor, Chlorine (Cl ₂), 0-10 ppm for GX-6000 / GX-6100	410.00
ESS-A33E-MMH	Sensor, MMH (N ₂ H ₄) 0 - 10.00 ppm for GX-6000 / GX-6100	525.00
ESS-03DH-NO ₂	Sensor, Nitrogen Dioxide (NO ₂), 0 - 20 ppm for GX-6000 / GX-6100	275.00
ESS-03DH-SO ₂	Sensor, Sulfur Dioxide (SO ₂) 0 - 100 ppm for GX-6000 / GX-6100	275.00
ESS-03DH-PH ₃	Sensor, Phosphine (PH ₃) 0 - 20 ppm for GX-6000 / GX-6100	275.00
TE-7561	Sensor, TC, % volume, GX-2003/GX-2012/Gas Tracer/GX-6100	167.00
SH-8661	Sensor, plug-in, MOS ppm, for SP-220 M/L/ML, SP-230 F/H ₂ , and GX-6100	370.00



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GX-6100 PID Replacement Lamps and Electrode Stacks

PID Sensor	eV	Replacement Lamp	Electrode Stack
PID-001LA	10.6	51-1503	33-0560-01
PID-002LA	10.6		33-0562
PID-003L	10.0		33-0563
PID-004	11.7	51-1504	33-0560-01
PID-001*	10.6	51-1503	
PID-002*	10.6		

* (Discontinued Sensor)

Part#	Description	Suggested Retail
33-0560-01	Electrode Stack for 10.6 (40 ppm sensor) & 11.7 eV lamps used in EAGLE 2, GX-6000, GX-6100, or VOC Pro (1 electrode)	152.00
33-0562	Electrode Stack for 10.6 eV lamp, 0-2,000/4,000 ppm for EAGLE 2, GX-6000, GX-6100, or VOC Pro, (1 electrode)	116.00
33-0563	Electrode Stack for 10.0 eV lamp, 0-100 ppm (50 ppm benzene) for GX-6000, GX-6100 or VOC Pro (1 electrode)	193.00
51-1503	Replacement lamp only, 0-50/-2000/-4000/ HPPM long life type for any 10.6 eV or 10.0 eV PID.....	284.00
51-1504	Replacement lamp only, for PID-004, 11.7 eV lamp, 0-1,000 ppm in GX-6000/GX-6100, 0-100 ppm in VOC Pro	729.00



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GX-6100 Replacement Parts & Accessories

Part#	Description	Suggested Retail
07-0220	Rubber cap, .22" ID x .3" OD x .5"	1.10
07-6035	O-ring, rubber exhaust sealing for GX-6000/GX-6100	1.30
07-6036	Gasket for top cover, black rubber for GX-6000/GX-6100.....	10.10
07-6038	Gasket for cover, black rubber for GX-6000/GX-6100	12.60
07-6039	Rubber joint for pressure sensor, black for GX-6000 / GX-6100	17.00
07-6040	Gasket for sensor chamber (sensor cover), black rubber for GX-6000/GX-6100	12.60
07-6041	Sensor gasket, fluorine rubber, for GX-6000/GX-6100	36.00
07-6043	Gasket for pump, black rubber for GX-6000/GX-6100	17.00
10-1089RK	Screw, M2 x 4.5 mm, 304 SS, phillips, self tapping	2.20
10-1093RK	Screw M2 x 6	0.80
10-1098RK	Screw with split lock and flat washers for alligator or belt clip, GX-6000 and GX-6100, 1 each	0.60
13-0112RK	Wrist strap	4.20
13-0123	Belt clip with installation screws for GX-6000/GX-6100	37.00
13-0601-01	Straps and washer assembly for GX-6000 / GX-6100 charger	15.00
13-6022-01	Din rail & end clamps kit to wall mount for one GX-6000/GX-6100 charger	10.60
13-6025-01	Din rail & end clamps kit to wall mount for up to four GX-6000/GX-6100 charger	14.80
17-1031	Tapered nozzle, rubber, red, for GX-6000 / GX-6100 inlet.....	9.50
20-0110-02	Case for GX-6000 / GX-6100 plus hose & probe, charger, AC adapter, and manual	190.00
20-0112-04	Case for GX-6000 / GX-6100 plus hose & probe, charger, AC adapter, one cylinder cal kit, and manual ...	274.00
20-0114-03	Case for GX-6000 / GX-6100 plus hose & probe, charger, AC adapter, two cylinder cal kit, and manual ...	336.00
20-0326	Rubber protective boot for GX-6000/GX-6100, black	38.00
20-0329	Rubber protective boot for GX-6000 / GX-6100, red.....	42.00
21-1833RK	Filter holder, clear plastic, RP-3R/RP-2009/GX-2003/GX-2012/Gas Tracer/GX-6000/GX-6100	13.50
21-1926	LCD protection film for instrument display for GX-6000, GX-6100, GP-1000, & NC-1000	5.70
21-1926-01	LCD protection film for instrument display, pack of 5 for GX-6000, GX-6100, GP-1000, & NC-1000	32.00
21-1931	Sensor flow chamber (sensor cover) assembly for GX-6000 / GX-6100	69.00
21-1932	Top case assembly, GX-6000 / GX-6100.....	95.00
21-1933	Body case assembly for GX-6000 / GX-6100	1,366.00
21-1992	Filter holder, GX-6100.....	0.00
29-6100	Water immersion sensing seal, adhesive backed for 03 series, GX-6000, GX-6100, SP-230, and GX-Force	10.60
30-0022RK	Pump replacement for GX-2012/Gas Tracer/GX-6000/GX-6100/GX-Force/RP-2009/RP-3R/SDM-3R/FP-31/ NC-1000/.....	147.00
30-1054RK	Vibration motor for the GX-2009 / GX-6000 / GX-6100.....	34.00
31-0023RK-02	Flowmeter, 0.2 - 2.0 SCFH, with valve and hosebarb fitting for GX-2012 / GX-6000 / GX-6100 flow measurement	259.00
33-0159RK	Teflon filter disk, 10 pieces, RP-3R/RP-2009/RP-6/GX-2003/GX-2012/Gas Tracer/GX-6000/GX-6100/ NC-1000/GX-Force	26.00
33-0176	Teflon sensor membrane disk for HCN and SO2 sensor filters for GX-6000 / GX-6100 sensor face, adhesive backed.....	2.70
33-1112RK	Wire mesh disk filter, RP-3R/RP-2009/RP-6/GX-2003/GX-2012/Gas Tracer/GX-6000/GX-6100/GX-Force, 10 pack	16.00
33-2125-01	Dehumidifier filter with tubing for 11.7 eV PID sensor, GX-6000 / GX-6100	106.00
33-3013	Filter element, particle, polypropylene/polyethylene for GX-6000, GX-6100, GX-2012, Gas Tracer, GX-2001, GX-2003, GX-Force, RP-3R probe, (not for Cl2)	2.20
33-3013-10	Filter element, particle, polypropylene/polyethylene for GX-6000, GX-6100, GX-2012, Gas Tracer, GX-2001, GX-2003, GX-Force, RP-3R probe, (not for Cl2) pack of 10	21.00
33-6015RK	CO2 scrubber, CF-283 for GX-3R Pro/GX-6000/GX-6100/RX-515/RI-85	59.00
33-6092	Charcoal filter with tubing stubs and plugs, CF-8501, for GX-6000/GX-6100/EAGLE 2, CO2 & PID combinations	45.00
33-7126	H2S scrubber disk for ESS-03DH-HCN (Also needs #33-0176 to install)	2.20
33-7128	Benzene pre-filter tube, GX-6000 / GX-6100, box of 10 tubes	168.00
33-7128-05	Benzene pre-filter tubes, GX-6000 / GX-6100, 5 boxes with 10 tubes per box	798.00
33-7130	Scrubber disk filter for CO/H2S sensor (pack of 5) for GX-3R / GX-3R Pro / GX-Force / GX-6100.....	28.00
33-7131	Scrubber disk filter for combustible sensor, GX-3R, GX-3R Pro, GX-Force, GX-6100, CF-6309 (5pcs/pack)...	28.00
33-7132	Scrubber disk filter, charcoal, for CO & H2 comp CO sensor, CF-A1CP (pack of 5), (not used on CO/H2S combo sensor) for GX-3R / GX-3R Pro / GX-Force / GX-9000 / GX-6100	28.00
33-7133	Humidity filter disk for H2S or PH3 sensor, CF-A13i (pack of 5) for GX-3R/GX-3R Pro/04 Series/ GX-Force/GX-9000/GX-6100	37.00
33-7135	H2S scrubber disk, for ESS-03DH-SO2 sensor, single	2.20

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GX-6100 Replacement Parts & Accessories (continued)

Part#	Description	Suggested Retail
33-7148	Filter set, 5 charcoal and H2S filters, 10 hydrophobic and metal screen filters for GX-6000/GX-6100	80.00
45-2430RK	Plug adapter for charger, US to Euro, non-grounded	3.80
47-4001	Cable with connectors, main PCB to sensor PCB, for GX-6000/GX-6100	17.00
47-5124-01	IrDA Adapter Module with USB extender cable	241.00
49-0115RK	115 / 220 VAC Adapter for charger, GX-6000/GX-6100	21.00
49-1050RK	Battery, memory backup, silver oxide, SR 616, 1.55 volts, GX-2009/GX-6000/GX-6100, snaps in	10.60
49-1120RK	Size AA alkaline battery	1.50
49-1638	Battery pack, alkaline, BUD-6100 for GX-6100	0.00
49-1639	Battery pack, Li-Ion, BUL-6100 for GX-6100	0.00
49-2020RK	12 VDC Adapter for charger with vehicle plug (charger base not included), GX-2009/GX-2012/ Gas Tracer/GX-6000/GX-6100	26.00
49-2185-01	Battery charger, BC-6000(A), with 100 - 240 VAC adapter, GX-6100, for Li-Ion battery pack	0.00
51-1139	LCD module, BTD-128160B-FBWB-G-G, for GX-6000/GX-6100	63.00
65-7003	Dummy sensor for GX-6000/GX-6100 empty smart sensors slots	5.30
65-7004	Dummy sensor for GX-3R/GX-3R Pro/GX-Force/GX-6100/GX-9000	5.30
75-0039	Benzene specific upgrade kit with PID-003L sensor, Benzene pre-filter tube holder, and Benzene pre-filter tubes (box of 10 tubes)	2,620.00
75-0040	11.7 eV PID sensor upgrade kit with PID-004 sensor, dehumidifier tube, and charcoal filter	2,305.00
80-0006-03P	Hose for GX-6000/GX-6100/RX-8500/RX-8700, Teflon lined, with probe	79.00
80-0006-05P	Hose, 5' for GX-6000, Teflon lined with probe attached	91.00
80-0006-10P	Hose, 10' for GX-6000, Teflon lined with probe attached	116.00
80-0006-15P	Hose, 15' for GX-6000, Teflon lined with probe attached	141.00
80-0006-20P	Hose, 20' for GX-6000, Teflon lined with probe attached	166.00
80-0006-25P	Hose, 25' for GX-6000, Teflon lined with probe attached	191.00
80-0006-30P	Hose, 30' for GX-6000, Teflon lined with probe attached	216.00
80-0006-35P	Hose, 35' for GX-6000, Teflon lined with probe attached	241.00
80-0006-40P	Hose, 40' for GX-6000, Teflon lined with probe attached	268.00
80-0121-10	Finned probe for GX-6000, stainless steel with 1641 fitting, particle filter, and 10' of tubing	389.00
80-0162RK	Flexible 10" probe tube with female quick-connect (attaches to instrument)	94.00
80-0162RK-24	Flexible 24" probe tube with female quick-connect (attaches to instrument)	95.00
80-0172	Probe with hydrophobic filter, dust filter, no scrubber section, for GX-6000/ (not for Cl2 use) / GX-8000/RX-8000/GX-9000/GX-Force/GX-2012/GasTracerGX-2001/GX-2003/RP-3R	37.00
80-0172-01	Probe with hydrophobic filter, no dust filter or scrubber section, (Cl2 use) for GX-6000/GX-9000/SC-9000	35.00
80-0174	Benzene pre-filter tube holder, GX-6000	147.00
80-0174-10	Tube tip breaker, for the Benzene pre-filter tube holder, GX-6000	15.00
80-0174-11	Bottom breakaway part, for the Benzene pre-filter tube holder, GX-6000	2.20
80-0404RK	Dilution fitting, 50:50 for GX-2003/-2012/Gas Tracer/GX-Force/RP-2009/RP-6/RP-3R	101.00
81-0071RK-01	Cylinder, CO2 5000 ppm in N2, 34L steel	58.00
81-0071RK-03	Cylinder, CO2 5000 ppm in N2, 103L steel	158.00
81-0072RK-01	Cylinder, CO2 2.5% in N2, 34L steel	58.00
81-0072RK-03	Cylinder, CO2 2.5% in N2, 103L steel	158.00
81-0100RK-02	Cylinder, Benzene 5 ppm in air, 58AL	158.00
81-0100RK-04	Cylinder, Benzene 5 ppm in air, 34AL	137.00
81-0103RK-04	Cylinder, isobutylene 100 ppm in air, 34AL (aluminum cylinder)	158.00
81-0104RK-04	Cylinder, isobutylene 10 ppm in air, 34AL (aluminum cylinder)	158.00
81-0143RK-02	Cylinder, isobutylene 100 ppm / H2S 25 ppm / CO 50 ppm / CH4 50% LEL / O2 12% in N2, 58AL	358.00
81-0143RK-04	Cylinder, isobutylene 100 ppm / H2S 25 ppm / CO 50 ppm / CH4 50% LEL / O2 12% in N2, 34AL	242.00
81-0154RK-02	Cylinder, H2S 25 ppm / CO 50 ppm / CH4 50% LEL / O2 12% in N2, 58AL	200.00
81-0154RK-04	Cylinder, H2S 25 ppm / CO 50 ppm / CH4 50% LEL / O2 12% in N2, 34AL	168.00
81-0154RK-116	Cylinder, H2S 25 ppm / CO 50 ppm / CH4 50% LEL / O2 12% in N2, 116AL	336.00
81-0158RK-04	Cylinder, H2S 25 ppm / CO 50 ppm / isobutane 50% LEL / O2 12% in N2, 34AL	168.00
81-0170RK-04	Cylinder, SO2 5 ppm in N2, 34AL	147.00
81-0176RK-02	Cylinder, NH3 25 ppm in N2, 58AL	300.00
81-0176RK-04	Cylinder, NH3 25 ppm in N2, 34AL	294.00
81-0182RK-04	Cylinder, NO2 5 ppm in air, 34AL	274.00
81-0185RK-02	Cylinder, PH3 0.5 ppm in N2, 58AL	300.00
81-0185RK-04	Cylinder, PH3 0.5 ppm in N2, 34AL	283.00
81-0190RK-04	Cylinder, Cl2 5 ppm in N2, 34AL	231.00

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GX-6100 Replacement Parts & Accessories (continued)

Part#	Description	Suggested Retail
81-0196RK-04	Cylinder, HCN 10 ppm in N2, 34AL	294.00
81-1054RK	Regulator, demand flow for 34AL/58AL/103L/116L cylinders	295.00
82-0300RK	PID lamp cleaning kit with removal tool for 10.0 & 10.6 eV lamps only	55.00

SDM-6100 Calibration Station

Part#	Description	Suggested Retail
81-SDM6100-01	SDM-6100 calibration station with filter, AC adapter, exhaust tube, flash drive, USB & LAN cables	2,020.00



SDM-6100

- Notes
- Only standard 4-gas + PID can currently be calibrated with the SDM-6100. Improvements that allow for calibration of any gas combination are expected Q2 2026.