



4 Gas Personal Comparison (Diffusion Models)



Company	RKI Instruments	Honeywell					ISC	MSA	Draeger	Gas Clip Technologies	GFG Instrumentation	Crowcon		Scott Safety				
		BW Technologies			RAE Systems													
Model Name	GX-2009	GasAlert MicroClip XL	GasAlert MicroClip X3	GasAlert Quattro	MicroRAE	QRAE II/ QRAE 3	Ventis MX4	Ventis Pro4	Solaris	Altair 4X	X-am 2500	X-am 3000	Multi Gas Clip Simple/ Std	G450	Tetra	Tetra 3	Protege	
6 yr. cost of ownership	\$1,635	\$1,575	\$1,235	\$2,045	\$1,945	\$2,205	\$2,585	\$2,049	\$3,280	\$1,748	\$2,311	\$2,811	\$1,445	\$1,995	\$2,666	\$1,917	\$1,835	
List Price	\$595	\$595	\$675	\$755	\$725	\$825	\$715	\$999	\$1,340	\$1,040	\$917	\$1,271	\$595	\$695	\$1,192	\$675	\$655	
Sensor Cost	LEL	\$120	\$120	\$120	\$170	\$170	\$220	\$245	\$316	\$237	\$205	\$215	\$100 LEL/\$295 IR	\$175	\$200	\$200	\$150	
	O2	\$120	\$150	\$200	\$135	\$180	\$165	\$185	\$242	\$202	\$164	\$185	\$100	\$125	\$137	\$137	\$120	
	CO	\$140	\$110	\$120	\$200	\$130	\$275	\$310	\$206	\$269 duo-tox	\$164	\$185	\$225 combo sensor	\$175	\$200	\$284 Dual Sensor	\$160	
	H2S	\$140	\$110	\$120	\$140	\$130	\$275	\$310	\$206		\$164	\$185		\$175	\$200		\$160	
	Total	\$520	\$490	\$560	\$645	\$610	\$690	\$935	\$740	\$970	\$708	\$697	\$770	\$425	\$650	\$737	\$621	\$590
Attachable Sample Draw	\$360	\$350	\$350	\$325	N/A	N/A	\$395	\$330	\$407	\$407	\$265	\$200 (pump version)	n/a	\$250 (pump version)	\$88	No Pump available	\$150	
IP Rating	IP 67	IP 66 & IP 67	IP 66 & IP 67	IP 66 / IP 67	IP 67	IP 65	IP 66 & IP 67	IP 68	IP 65	IP 67	IP 65	IP 65	IP 66/67	IP 67	IP 65	IP 65 & IP 67	IP 67	
Weight (oz.)	4.6 oz.	6 oz.	6 oz.	11.15 oz.	7.03 oz.	12 oz.	6.8 oz.	7.5 oz	8 oz.	7.9 oz	7.8 oz.	20 oz	7.7 oz	9.9 oz.	17.6 oz.	10.4 oz.	7.5 oz.	
Size (in.)	2.7 x 3 x 1"	4.4 x 2.4 x 1.1"	4.4 x 2.4 x 1.1"	5.1 x 3.2 x 1.9"	4.6 x 3 x 0.9"	5 x 2.8 x 1.5"	4 x 2.3 x 1.2"	4.1 x 2.3 x 1.4"	4.24 x 2.5 x 1.25"	4.4 x 2.0 x 1.37"	1.89 x 5.12 x 1.73"	3.5 x 5.5 x 2.2"	4.7 x 2.4x 1.2"	4.4 x 2.6 x 2"	5.25 x 5 x 2.5"	4.5 x 2.8 x 1.9"	3.26 x 2.76 x 1.16"	
Calib. Station	\$1,300	\$1,545	\$1,545	\$1,545		\$1,570	\$2,210	\$2,210	\$2,075	\$2,075	n/a	\$1,565	\$1,995	\$1,495	\$400	T3 gas tester		
Power Supply	Power Options	NIMH	Lithium polymer	Lithium polymer	Li-Polymer, or Alkaline	Lithium-ion	Lithium-ion or Alkaline	Lithium-ion or Alkaline	Lithium Ion	Li-Polymer, or Alkaline	NIMH or Alkaline	NiMH or Alkaline	Lithium Ion	NiMh or Alkaline	Li-ion or Alkaline	Li-ion battery	Lithium-ion	
	Cont. Operations	20 hrs	18 hrs	18 hrs	20 hrs Li-Poly 14 hrs Alkaline	15 hours	14 hrs Lithium-ion 10 hrs Alkaline	12 hrs Li-ion 8 hrs Alkaline	12 hours	14 hrs	24 hrs Li-Poly 14 hrs Alkaline	18 hrs NiMH 24 hrs Alkaline	18 hrs NiMH 24 hrs Alkaline	2 years IR: 2 months continuous Pellistor: 30 hours	25 hours NiMh	12 hrs Li-ion 11 hrs Alkaline	16 hrs Li-ion	18 hrs Lithium-ion
	Re-charge	2-3 hours	4 hours	4 hours	3 hours		6-8 hours	7 hours	7 hours	4 hours	4 hours	4 hours	4 hours	4-6 hours	4 hours	6-8 hours	6 hours	5 hours
Alarm Types	Vibration, Visual, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Visual, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Visual, Vibrating, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Vibration, Visual, Audible	Visual, Audible	
Approvals	CSA, IECEx, ATEX	CSA, ATEX, IECEx, CE	CSA, ATEX, IECEx, CE	CSA, ATEX, IECEx	Class I, Division 1, Groups A, B, C and D	CSA, ATEX II, IECEx	UL, ATEX, IECEx, CSA	UL, CSA, IECEx, ATEX	UL, cUL and MSHA	UL, CSA, ATEX II, IECEx	UL, CSA, ATEX, IECEx, CE	ATEX, UL, CSA, IECEx, CE	CSA, CE, ATEX (pending)	ATEX II	UL, CSA, ATEX	UL, ATEX	UL, CSA, ATEX, EMC	
Warranty	2 years	2 years	3 years	2 years	2 years	2 years	2 years	3 years	2 year	3 years	2 years	2 years	2 years	3 years	2 years	2 years	2 years	

*6 year cost of ownership = Rechargeable Unit List Price + sensor replacement for 6 years of use (sensor warranty varies from 1 year to 3 years on some instruments)
Note: All information is gathered from available materials published by the companies in print and on the Internet. RKI Instruments makes no claim to its accuracy. 11/15/2017