

Sample Draw PID Gas Monitors with Benzene Specific



Company		RKI	Honeywell					MSA	ISC	Drager	Ion Science	
			Rae Systems									BW Technologies
Model	GX-6000	MultiRAE Lite	MultiRAE	MultiRAE Benzene	MultiRAE Pro	UltraRAE 3000/ MiniRAE 3000	GasAlert Micro 5 PID with pump	Altair 5X PID	iBRID MX6	XAM-8000	TIGER Select	
4 Gas List Price	\$1,695	\$1,970	\$3,643	NA	\$4,450	N/A	\$1,245	\$2,126	\$2,720	\$2,516	N/A	
4 gas with PID List Price	\$2,895	\$2,200	\$4,263	\$4,130	\$5,070	N/A	\$1,920	\$2,687	\$3,328	\$4,348	N/A	
4 gas with SO2 List Price	\$1,995	\$2,090	\$3,953	NA	\$4,760	N/A	\$1,735	\$2,687	\$3,122	\$2,865	N/A	
4 gas, SO2, PID List Price	\$3,155	\$2,510	\$4,573	NA	\$5,380	N/A	N/A	\$3,311	\$3,483	\$4,615	N/A	
Benzene only List Price pre-filter tube adapter	\$3,560	N/A	N/A	\$3,290	\$4,476	\$5,442 / \$4,070	N/A	N/A	\$ 3,970	\$3,623	\$ 5,250	
Size (H x W x D) inches	7.8 x 2.6 x 2"	7.6 x 3.8 x 2.6" D				10 x 3.0" x 2.5"	5.7 x 2.9 x 1.5"	6.69 x 3.53 x 2.02"	6.6 x 3.1 x 2.2"	7 x 3 x 1.7"	18.3 x 3.5 x 2.4"	
Weight	14 oz (400g)	31 oz (880 g)				26 oz (738 g)	16 oz (454 g)	16 oz (453 g)	18 oz (511 g)	19.5 oz (550 g)	25 oz (709 g)	
Gases Detected	6 gas	5 sensor slots , 6 gas with combo CO/H2S				1 gas	5 gas	6 gas	6 gas	7 gas	4 gas	
Operating Modes	6	1				1	1	1	1	2	1	
PID	Dual PID capability	YES	No			No	No	No	No	No	No	
	10.6 eV	6,000 ppm (0.1/1 ppm) 50,000 ppb (1/10 ppb)	1,000 ppm (1ppm)	5,000 ppm (0.1ppm)	N/A	2,000 ppm (10 ppb) 5,000 ppm (0.1ppm)	99 ppm (0.025) 999 ppm (0.1) 9,999 ppm (1 ppm)	1,000 ppm (1ppm)	2,000 ppm (0.1 ppm)	2,000 ppm	5 ppm 2,000 ppm	20,000 ppm (1ppb)
		600 VOC library	190 VOC Library				200 VOC library	22 VOC Library	125 VOC library			480 VOC lib
	10.0 eV	50 ppm Benzene (0.01/.1ppm) 300 VOC's Library	N/A	N/A	200 ppm Benzene 2,000ppm VOC (9.8eV)	N/A	200 ppm Benzene (0.025 ppm) (9.8 eV)	N/A	N/A	N/A	1,000 ppm Benzene	200 ppm benzene
	11.7 eV	1,000 ppm (Q3) Methanol, HCFC's, Carbon Tetrachloride	N/A	N/A	N/A	N/A	200 ppm	N/A	N/A	N/A	N/A	
	Easy Access	User defined list of 30 Recently used list of 8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toxics	NH3	0-75 ppm, 0-400 ppm \$200	0-100 ppm \$420	0-100 ppm \$420	0-100 ppm \$420	0-100 ppm \$420	N/A	0-100 ppm \$350	0-100 ppm \$567	0-500 ppm \$460	0-300 ppm \$355	N/A
	Cl2	0-3 ppm, 0-10 ppm \$200	0-50 ppm \$310	0-50 ppm \$310	0-50 ppm \$310	0-50 ppm \$310	N/A	0-50 ppm \$350	0-10 ppm \$486	0-50 ppm \$460	0-20 ppm \$355	N/A
	HCN	0-15 ppm \$200	0-50 ppm \$420	0-50 ppm \$420	0-50 ppm \$420	0-50 ppm \$420	N/A	0-30 ppm \$375	0-30 ppm \$397	0-30 ppm \$460	0-50 ppm \$349	N/A
	NO2	0-20 ppm \$260	0-20 ppm \$360	0-20 ppm \$360	0-20 ppm \$360	0-20 ppm \$360	N/A	0-99.9 ppm \$375	0-20 ppm \$480	0-150 ppm \$460	0-50 ppm \$471	N/A
	SO2	0-100 ppm \$260	0-20 ppm \$310	0-20 ppm \$310	0-20 ppm \$310	0-20 ppm \$310	N/A	0-150 ppm \$350	0-20 ppm \$593	0-150 ppm \$460	0-100 ppm \$349	N/A
4 gas sensors	LEL (cat)	0-100% LEL \$120	0-100% LEL \$210			N/A	0-100% LEL \$170	0-100% LEL \$237	0-100% LEL \$245	0-100% LEL \$210	N/A	
	O2	0-40 vol% \$120	0-30% vol \$210			N/A	0-30% vol \$165	0-30% Vol \$202	0-30% vol \$185	0-25% vol \$172	N/A	
	CO	0-500 ppm \$140	0-500 ppm \$210 0-2,000 ppm \$310			N/A	0-500 ppm \$120	0-2000 ppm \$258 combo CO/H2S	0-1,500 ppm \$310	0-2,000 ppm \$172	N/A	
	H2S	0-100 ppm \$140	0-100 ppm \$210 0-1,000 ppm \$210			N/A	0-500 ppm \$120	0-200 ppm	0-500 ppm \$310	0-200 ppm \$172	N/A	
Sample Range		50'	100'			100'	66'	75'	100'	147'		
Battery	Alkaline	AAA (3 ea, 8 hr)	AA (4pcs)(6h)			Available	AA (15 hr)	Available	AA	N/A	8.5 hrs	
	Rechargeable	Li-Ion 14 hr	Li-Ion 12h, ext 18hr			Li-Ion 16 hrs	Lithium Polymer 15 hrs	Li-Ion 18 hr AA alkaline	Li-Ion 12 hr AA alkaline 20 hr	Li-ion 17 hours	Li-ion 24 hrs	
Unique Features		Man down alarm Panic Alarm LED flashlight	Man down alarm Wireless (real time readng/alarm)			4 Lines display	Bright wide-angled visual alarm bars	Man Down, end-of-sensor warning, bluetooth	Full-color graphic LCD	Full color, Bluetooth/Android app, 3 color LED's	audible sounder Selectable vibrating alarm	
Warranty		2 years (1 year PID)	2 years (cat/O2/CO/H2S) 1 year (other sensors) 4 year extended warranty available (35% of list)			3 years for 10.6, 1 year for 9.8, pump, battery, instrument	2-year (1 year NH3, Cl2, O3, ClO2 and PID)	3 year (1 year PID)	2 years		5 year (1 year PID)	

Note: All information is gathered from available materials published by the companies in print and on the Internet. RKL Instruments makes no claim to its accuracy. 6/8/18