



Sample Draw PID Gas Monitor with Benzene Specific



Company		RKI	Honeywell - Rae Systems - BW Technologies - Biosystems - Sperian						Ion Science	MSA	ISC	
Model		GX-6000	MultIRAE Lite	MultIRAE	MultIRAE Benzene	MultIRAE Pro	UltraRAE 3000	GasAlert Micro 5 PID with pump	TIGER Select	Altair 5X PID	IBRID MX6	
4 Gas List Price		\$1,695	\$1,780	\$3,320	NA	\$4,560	N/A	\$1,130	N/A	\$2,126	\$2,735	
4 gas with PID List Price		\$2,895	\$2,090	\$3,630	\$4,130	\$4,870	N/A	\$1,745	N/A	\$2,687	\$3,125	
4 gas with SO2 List Price		\$1,995	\$2,090	\$3,630	NA	\$4,870	N/A	\$1,425	N/A	\$2,687	\$3,125	
4 gas, SO2, PID List Price		\$3,155	\$2,510	\$4,250	NA	\$5490	N/A	N/A	N/A	\$3,311 monochrome display	\$3,475	
Benzene only List Price pre-filter tube adapter		\$3,560	N/A	N/A	\$3,290	\$4,240	\$5,620	N/A	\$ 5,250	N/A	\$ 3,970	
Size (W x H x D) mm		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"	18.3 x 3.5 x 2.4"	6.69 x 3.53 x 2.02"	6.6 x 3.1 x 2.2"
Weight		14 oz (400g)	31 oz (880 g)					26 oz (738 g)	16 oz (454 g)	25 oz (709 g)	16 oz (453 g)	18 oz (511 g)
Gases Detected		6 gas	5 sensor slots , 6 gas with combo CO/H2S					1 gas	5 gas	4 gas	6 gas	6 gas
Operating Modes		6	1					1	1	1	1	1
PID	Dual PID capability	YES	No					No	No	No	No	No
	Lamp	10.6eV 10.0eV (benzene)	10.6eV	10.6eV	9.8eV	10.6eV (HR) 10.6eV (ppb) 9.8eV benzene	10.6eV (HR) 10.6eV (ppb) 9.8eV benzene	10.6eV	10.0 eV benzene	10.6eV	10.6 eV	
	Range/ Resolution	6,000 ppm (0.1/1 ppm) 50,000 ppb (1/10 ppb) 50 ppm Benzene (0.01/.1ppm)	1,000 ppm (1ppm)	5,000 ppm (0.1ppm)	200 ppm Benzene 2,000ppm VOC	5,000 ppm (0.1ppm) 2,000 ppm (10 ppb)	10,000ppm (.05ppm)	1,000 ppm (1ppm)	20,000 ppm (1ppb)	2,000 ppm (0.1 ppm)	2,000 ppm	
	Built in VOC Library	600 VOC's 10.6 eV 300 VOC's 10.0 eV User defined list of 30 Recently used list of 8	190 VOCs and 55 combustible gases					200 correction factors	22 correction factors	480 VOCs	125 built-in-reference factors and customized RF	116 response factors
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	N/A	0-100 ppm \$567	0-500 ppm \$460	
	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	N/A	0-10 ppm \$486	0-50 ppm \$460	
	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	N/A	0-30 ppm \$397	0-30 ppm \$460	
	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	N/A	0-20 ppm \$480	0-150 ppm \$460	
	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	N/A	0-20 ppm \$593	0-150 ppm \$460	
4 gas sensors	LEL (cat)	0-100% LEL \$110	0-100% LEL \$210					N/A	0-100% LEL \$170	N/A	0-100% LEL \$237	0-100% LEL \$245
	O2	0-40 vol% \$110	0-30% vol \$210					N/A	0-30% vol \$165	N/A	0-30% Vol \$202	0-30% vol \$185
	CO	0-500 ppm \$130	0-500 ppm \$210 0-2,000 ppm \$310					N/A	0-500 ppm \$120	N/A	0-2000 ppm \$258 combo CO/H2S	0-1,500 ppm \$310
	H2S	0-100 ppm \$130	0-100 ppm \$210 0-1,000 ppm \$210					N/A	0-500 ppm \$120	N/A	0-200 ppm	0-500 ppm \$310
Sample Range		50'	100'					100'	66'	75'	100'	
Battery	Alkaline	AAA (3 ea, 8 hr)	AA (4pcs)(6h)					Available	AA (15 hr)	8.5 hrs	Available	AA
	Rechargeable	Li-Ion 14 hr	Li-Ion 12h, ext 18hr					Li-Ion 16 hrs	Lithium Polymer 15 hrs	Li-ion 24 hrs	Li-Ion 18 hr AA alkaline	Li-Ion 12 hr, ext 20 hr AA alkaline
Remarks		Man down alarm Panic Alarm LED flashlight	Man down alarm Wireless (real time reading/alarm)					4 Lines display	Bright wide-angled visual alarm bars	audible sounder Selectable vibrating alarm	Man Down, end-of-sensor warning, bluetooth	Full-color graphic LCD
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, sensor and instrument	2-year (1 year NH3, Cl2, O3, ClO2 and PID lamp)	5 year (1 year PID)	3 year (1 year PID)	2 years
IP		65/67	65/67(when off)	65	65	65/67(when off)	65	IP 65/66	65	65	64	
Safety Approvals		CSA, ATEX, IECEx, CE	CSA, ATEX, IECEx, CE					CSA, IECEx, ATEX	CSA, ATEX, IECEx	TEX, IECEx, UL and CSA	CSA, ATEX, IECEx, UL	CSA, ATEX, IECEx, UL

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. 8/16/17

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