



6 Gas with PID Internal Sample Draw Gas Monitor



Company		RKI Instruments	RAE Systems	ISC	Drager
Model Name		EAGLE 2	MultiRAE	MX6 iBrid	X-am 8000
6 year cost	4 gas only	\$3,895	N/A	\$4,081*	\$6,683
	4 gas PID	\$5,295	\$5,101	\$4,549*	\$7,763
4 Gas list price		\$2,395	N/A	\$2,211*	\$3,585
4 Gas PID list		\$3,795	\$3,661	\$2,679*	\$4,665
Sensor Cost	LEL	\$200	\$184	\$220	\$469
	O2	\$160	\$126	\$165	\$290
	CO	\$195	\$205	\$275	\$395
	H2S	\$195	\$205	\$275	\$395
	Cl2	\$195	\$205	\$413	\$445
	CIO2	\$195	\$415	\$413	\$415
	NH3	\$195	\$415	\$413	\$445
	NO2	\$195	\$205	\$330	\$390
	PH3	\$195	\$415	\$413	\$535
	SO2	\$195	\$205	\$330	\$415
	IR	\$750	N/A	\$435	\$1,145
	PID	\$1,040	\$1,523	\$600	\$1,080
PID	Range	0 - 50 ppm 0 - 2,000 ppm	0-200 200-2,000ppm	0 - 2,000ppm	0 - 2,000ppm
	Resolution	0.02 ppm 1 ppm	0.1 ppm 1 ppm	0.1 ppm	
Sensors, Mfg. or Sourced		Manufactured	Sourced	Sourced	Manufactured
Charger		\$110	included	\$121	\$145
Sample Pump		Internal 125 feet	Internal 100 feet	Attachable 100 feet	Internal 150 feet
IP Rating			IP 55	IP 66/67	IP 67
Weight (oz.)		3.8 lbs.	16 oz.	14.4 oz	3 lbs.
Size (in.)		9.5"L x 5.25"W x 5.875"H	4.65" x 3.0" x 1.9"	5.3" x 3.05" x 1.7"	5.9" x 5.6" x 3"
Temperature		-4°F to 122°F	-4 to 113°F	-4°F to 131°F	- 5 to 105°F Short Term - 40 to 130°F
Datalogging		Included	Included	\$165 Datalink Assy.	\$175
Power Supply	Power Options	NiMH or Alkaline	Li-ion or Alkaline	Li-ion or Alkaline	NiMH or Alkaline
	Cont. Operations	20 hrs NiMH 18 hrs Alka- line size C	14 hrs Li-ion and Alkaline	24 hrs Li-ion 10.5 hrs Alkaline	20 hrs NiMH 20 hrs Alkaline
Alarm Types		95 dB at 30cm LEDs	90 dB buzzer and flashing LED	95 dB, LEDs	100 dB at 30 cm, LEDs
Approvals		CSA, ATEX, IECEX	UL, cUL, ATEX	CSA, UL, ATEX	CSA & UL
Warranty		2 years	2 year 1 year PID/ toxic		2 years

6 year cost of ownership = Unit List Price + (2 x total cost of sensor replacement). Cost of Ownership assumes all sensors have 2 years of performance

* External Pump - instrument is diffusion style with attachable sample drawing pump (price of pump added to list price for comparison).

12/10/19