

Air Sampling Equipment										
COMPANY	MODEL	POWER SOURCE	MEDIUM USED	SAMPLING: AREA PERSONAL REMOTE			PHYSICAL DIMENSIONS	WEIGHT	CALIBRATION TIME	FEATURES
Allegro Industries CIRCLE 323 ON CARD	D-2 Moldlite	A/C	Air	x				9.7 lbs.		Linear oscillating pump, 3-33 lpm sampling range
	T-100	A/C	Air	x						Rotary vane sampler, 3-20 lpm sampling range
	M-2 Cassette		Air	x						2-sided sampling cassette
	Diaphragm	A/C	Air	x				10 lbs.		Lightweight, comes w/adjustable regulator, maintenance free
	T-100M	A/C	Air	x				9.9 lbs.		Built-in adjustable 5-50 flow meter
BW Technologies by Honeywell	GasAlertMax XT	Rechargeable lithium polymer battery	Air/diffusion or pump	x	x		2.8" x 5.1" x 2"	11.1 oz.	2 min.	SmartSample diaphragm pump technology
	GasAlertMicro 5 IR	3 "AA" alkaline or NiMH rechargeable pack	Air/diffusion	x	x		5.7" x 2.9" x 1.5"	13.1 oz.	4 min.	1 to 5 gas detector w/datalogging, docking
	GasAlertMicro 5 PID	3 "AA" alkaline or NiMH rechargeable pack	Air/diffusion	x	x		5.7" x 2.9" x 1.5"	13.1 oz.	4 min.	1 to 5 gas detector w/datalogging, docking
	SamplerPak	2 "AA" alkaline	Pump	x	x	x	7.4" x 1.3" x 2.1"	6.2 oz.		Allows remote sampling for confined spaces
	GasAlert Extreme	3v lithium camera battery	Air/diffusion	x	x		1.1" x 2" x 3.2"	2.9 oz.	2 min. (longer for exotics)	Single gas detector w/datalogging, docking
Casella USA	Apex Lite	Alkaline	Air	x	x		5.8" x 3.4" x 1.8"	17.8 oz.	15 sec.	Low cost pump for infrequent usage
	Apex	NiMH	Air	x	x		5.8" x 3.4" x 1.8"	17.8 oz.	15 sec.	General purpose pump to 5 lpm
	Apex IS	NiMH	Air	x	x		5.8" x 3.4" x 1.8"	17.8 oz.	15 sec.	General purpose pump to 4 lpm
	Vortex Ultraflow	NiCad	Air	x			7.2" x 3" x 11.4"	9.46 lb.	30 sec.	High flow to 20 lpm for area usage
	Tuff	NiMH	Air	x	x		5.3" x 3.5" x 1.9"	17 oz.	15 sec.	Low cost, general purpose range
Detcon Inc.	Model 700	11-30v DC								
	Model 500	11-30v DC								
	Model 600	11-30v DC								
	Model 10	24v DC								
	Model 12	24v DC								
Environmental Devices Corp.	VDM-7500	NiMH battery	Air, filter	x	x	x	12" x 5" x 10"	20 lbs.	40 sec.	Video dust monitoring system
	EPAM-5000	NiMH battery	Air, filter	x			14" x 6" x 10"	12 lbs.	40 sec.	Real-time particulate readings
	HD-1004	NiMH battery	Air, filter		x		5.5" x 3.25" x 2.75"	2 lbs.	24 sec.	Real-time particulate readings
	HD-1100	NiMH battery	Air	x	x		9" x 3" x 1.5"	2 lbs.	10 sec.	Low-cost, real-time dust monitor
	AA-3500	NiMH battery	Air	x			3" x 6" x 9"	5 lbs.	40 sec.	IAQ monitor, real-time particulate readings
Extech Instruments	AN200	9v battery	Air	x	x		7" x 2.9" x 1.3"	1.6 lbs.		Airflow anemometer & IR thermometer
	407119	9v battery	Air	x	x		7" x 3" x 1.3"	480 g.		Hot wire anemometer
	407117	9v battery	Air	x	x		7" x 3" x 1.3"	2 lbs.		Mini vane anemometer
	451104	9v battery	Air	x			7" x 3" x 1.4"	210 g.		Vane anemometer
	45118	Lithium battery	Air	x			5.2" x 2.8" x 8"	95 g.		Pocket anemometer
Honeywell Analytics CIRCLE 324 ON CARD	Impact Pro	NiMH battery	Air/diffusion or pump		x	x	1.9" x 3.3" x 5.3"	18 oz.	~90 sec.	4-sensors-in-1 cartridge design
	MicroMax Pro		Pump or diffusion		x		4.75" x 3" x 1.8"	17.6 oz.	2 min.	Voice notification
	X4	NiMH or alkaline battery packs	Diffusion		x		4.88" x 2.99" x 1.4"	7.4 oz.	90 sec.	Reversible display
	IAQ Probe	Vibrating lithium ion battery	Diffusion		x		3.4" x 6.5" x 1.7"	14.65 oz.	2 min.	Value-priced IAQ meter; CO ₂ , CO, temp., more
	P2	Alkaline "C" primary w/ NiCad backup	Pump		x		3.5" x 5" x 8.5"	1.8 lbs.	2 min.	Sensor for wide range of exotics
INFICON	HAPSITE ER	Battery, AC power	Air		x		18" x 17" x 7"	42 lbs.	2 min.	Immediate ID of VOCs; lightweight, portable
	CMS 100	Internal battery, AC power	Air		x		7.5" x 21" x 21.75"	45 lbs.	5 min. (varies per sample)	Portable GC for rapid field analysis
	CMS 200	Internal battery, AC power	Air, water		x		7.5" x 21" x 21.75"	45 lbs.	5 min. (varies per sample)	Rapid field analysis of VOCs in air, water
Mil-Ram Technology Inc.	TA-2048MB	110/220v AC or 24v DC	Air	x	x		19" x 6" x 10"	5 lbs.	1 min.	48-channel system, RS-485 digital modbus
	TA-2100	12 or 15-30v DC	Air	x	x		8" x 6" x 5"	3.5 lbs.	1 min.	Self/auto calibration; ambient, sample draw
	TA-2102	10-30v DC	Air	x	x		8" x 6" x 5"	3.5 lbs.	1 min.	Self/auto calibration; ambient, sample draw
	TA-2016MB-XP	110v AC or 24v DC	Air	x	x		6" x 11" x 5"	5 lbs.	1 min.	16-channel system, RS-485 digital modbus
	Single Channel Gas Alarm	110v AC or 24v DC	Air	x	x		9.25" x 6" x 13"	5 lbs.	1 min.	Self/auto calibration, audible horn, visible strobe

Air Sampling Equipment, continued

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				AREA	PERSONAL	REMOTE				
Nexteq LLC	Gastec Gas Sampling Pump & Detector Tubes	Manual	Air	x	x		9" x 1.75"	8.8 oz.	Precalibrated	600+ applications; easy, accurate, immediate results
	Gastec Dosimeter Tubes	Passive	Air	x	x		5.25"	.3 oz.	Precalibrated	Measures 50 gases in a variety of ranges
	Airtec Compressed Gas Monitoring Kit	Manual	Air		x		19.5" x 16" x 7.5" (case)	~12 lbs.	Precalibrated	Detects the 5 most common contaminants in compressed gas/supplied air
	Hazmat Kits	Manual	Air	x	x		19.5" x 16" x 7.5" (case)	~8 lbs.	Precalibrated	IDs up to 48 gases, vapors, liquids
Quest Technologies, a 3M company	EVM-7	Lithium ion	Direct reading particulates/gravimetric	x			7.5" x 7.5" x 2.75"	2.9 lbs.	Sensor dependent	Direct reading particulates via laser photometer
RKI Instruments	GX-2003	NIMH pack, 3 "AA" alkaline	Catalytic combustion, electrochemical, galvanic cell, more	x	x	x	5.6" x 2.5" x 1.5"	11 oz.	1 min.	5 sensor capacity, 40' sampling range, internal pump
	GX-2009	NIMH pack	Catalytic combustion, electrochemical, galvanic cell	x	x	x	2.7" x 3" x 1"	4.6 oz.	2 min.	Smallest 4-gas monitor, dual audible alarm ports
	Eagle	4 "D" alkaline/NiCad	Catalytic combustion, electrochemical, infrared, more	x	x	x	7" x 5.9" x 10.5"	5 lbs.	1 min.	Monitors up to 6 gases, 125' sampling range
	SC-01	2 "AA" alkaline batteries	Smart electrochemical cell	x	x	x	5.2" x 2.5" x 1.2"	7.6 oz.	2 min.	Smart plug-and-play toxic sensors
	Gas-Watch 2	1 coin type lithium battery (CR2450)	Electrochemical, galvanic cell	x	x		1.7" x 2.5" x .9"	2 oz.	1 min.	Watch, hard hat, alligator clip type designs
TSI Inc. CIRCLE 325 ON CARD	SidePak SP730	NIMH, "AA," or AC adapter	Filters, sorbent tubes, or impingers	X	X		4" x 4" x 3"	16 oz.	1 min.	Internal low-flow bypass, PC programmable
	SidePak AM510	NIMH, "AA," or AC adapter	No sample media, inlet conditioners used for size selective sampling	X	X		4" x 4" x 3"	16 oz.	1 min.	Real-time single-channel photometric dust measurement
	DustTrak II 8530/8531	Li-Ion or AC adapter	37mm filters, inlet conditioners used for size selective sampling	X	X		5.3" x 8.5" x 8.8"	3.5 lb.	1 min.	Real-time single-channel photometric dust measurement
	DustTrak DRX 8533	Li-Ion or AC adapter	37mm filters, no inlet conditioners needed	X	X		5.3" x 8.5" x 8.8"	3.5 lb.	1 min.	Real-time size segregated mass concentration dust measurement
	DustTrak DRX 8534	Li-Ion or AC adapter	No sample media, inlet conditioners used for size selective sampling	X			4.9" x 4.8" x 12.5"	2.9 lb.	1 min.	Real-time size segregated mass concentration dust measurement

This is only a partial listing. For complete product information, circle the appropriate number on the reader service card at page 3. To contact companies without circle numbers, refer to chart on page 28.