

LABORATORY

Gas chromatograph. SRI Instruments' 8610C GC includes electronic pressure control for all gases, a direct on-column injection port, and an insulated high-temperature column oven as standard equipment. The GC chassis allows mounting of four detectors. Weighing less than 60 lb, the 8610C is field portable. 120

MONITORING

Chlorinated organic vapors. The TSI, Inc., RCL Monitor uses a rare-earth sensor for selective measurement of chlorinated organic vapors at levels from 0.5 ppm to 100 ppm. The monitor stores more than 90 measurements for downloading; unit can be set for continuous, unattended operation. 121

Hand-held anemometer. The Kestrel Pocket Wind Meter is less than 5 in. long and weighs 1.5 oz. and can measure wind speeds between 0.3 and 40 m/s. The unit operates in three modes: moving 3-s average, average since power on, and maximum 3-s gust since power on. 122

Single gas monitor. CEA Instruments' Gas Baron series of pocket-size, single gas monitors are available for ammonia, chlorine, hydrogen sulfide, carbon monoxide, oxygen, and hydrogen cyanide. Units are weatherproof and RF shielded, and weigh 3 oz. 123

Solar irradiance sensor. MESA Systems' MS-020 Pyranometer is a field sensor for 400- to 700-nm wavelength measurements of solar irradiance. Powered by 5–15 V dc, the sensor offers an amplified output signal of 0–1 or –2.5 V dc. MESA also produces the ML-020 Luxmeter for illuminance measurement. 124

SAMPLING

Multiple air sampling. SKC, Inc.'s portable MCS 10 High-Flow Sampler, with a flow range of 3–12 L/min, can be used for indoor air monitoring, environmental and stack sampling, and long-term background monitoring. The unit is programmable for delayed start and run time. 125

Distillation system. The Lab-Crest Midi-Dist Distillation System from Andrews Glass determines high concentrations of sulfide in wastewater and sewage. Tests can be run with only 50 mL of liquid or 1 g of solid sample. The system uses the standard iodine titrimetric method and has a detection limit of 1–2 mg/L. 126

TREATMENT

Wastewater treatment performance analysis. The Indus Corp. has received a contract to develop a performance analysis system for publicly owned treatment works from the New England Interstate Water Pollution Control Commission. The system will be used for compliance self-audits and source reduction analysis. 127

Dry dust collector. Air Purification, Inc., has introduced the Pulsofilter, a state-of-the-art baghouse that features higher air-to-cloth ratios (18:1), longer bag life, lower pressure drop, and smaller physical size. 128

Colloid Environmental Technologies Co. A brochure is available describing the company's capabilities in wastewater treatment, lining technologies, and drilling. 129

For more information on products and services mentioned in "Buyer's Guide," circle the appropriate number on the Reader Service Card bound into this issue.

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