SAMPLING SOLUTIONS

For Health Care

Recognition

Workers in hospitals, medical and veterinary clinics, and other health care facilities can be exposed to both chemical and biological hazards. Chemical hazards include anesthetic gases such as halothane and isoflurane, sterilants including ethylene oxide and glutaraldehyde, and solvents such as formaldehyde. Biological hazards include known strains of bacteria, fungi, and viruses along with newer pathogens such as MRSA.

SKC offers active and passive sampling solutions for these gases and other compounds present in the health care workplace. SKC active samplers require an air sample pump to collect hazardous gases and vapors in air; passive samplers collect hazardous vapors by diffusion without the use of an air sample pump.

See the SKC equipment recommended for sampling:

- Halogenated anesthetic gases (isoflurane, halothane, desflurane, enflurane, and sevoflurane)
- Ethylene oxide
- Nitrous oxide
- Peracetic acid (PAA)

See Sampling Solutions for Formaldehyde and Sampling Solutions for Mold and Other Bioaerosols

Evaluation with SKC Sampling Solutions

For over 60 years, SKC has led the research, design, and manufacture of quality sampling equipment and media to aid health and safety professionals in the evaluation of occupational and environmental hazards.

Choose from the many SKC sampling solutions for health care, including air sample pumps, active and passive samplers, sample bags, and sorbent tubes following agency methods and established protocols.

See reverse side for specific method and sampling equipment/media information.

Notice: This publication is intended for general information only and should not be used as a substitute for reviewing applicable government regulations, equipment operating instructions, or legal standards. The information contained in this document should not be construed as legal advice or opinion nor as a final authority on legal or regulatory procedures.

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Sample Collection

Active Air Sampling Solutions

Target Compound	Select Methods*	SKC Sample Collection Media and Cat. No.	SKC Sample Pump and Cat. No.	Notes
Ethylene oxide	NIOSH 3702	Tedlar® sample bag 232 Series	Pocket Pump TOUCH 220-1000TC	
	OSHA 1010	Sorbent tube 226-178		
Halogenated anesthetic gases	OSHA 29	Sorbent tube 226-01	Pocket Pump TOUCH 220-1000TC	For halothane and enflurane, two tubes in series
	OSHA 103 and 106	Sorbent tube 226-81A		
Nitrous oxide	NIOSH 6600	Tedlar sample bag 231-05	Pocket Pump TOUCH 220-1000TC	
Peracetic acid (PAA)	INRS	Preloaded filter cassette 225-9030 with sorbent tube 226-193-UC or 226-199-UC	AirChek TOUCH, Essential, Essential+, Connect	For simultaneous collection of PAA and hydrogen peroxide

Passive Air Sampling Solutions

Target Compound	Select Methods*/ SKC Validation	SKC Sample Collection Media and Cat. No.	Notes
Ethylene oxide	Research Report 1543	Ethylene Oxide Passive Sampler 575-005	
Halogenated anesthetic gases	Research Report 1893	VOC Chek® 575-002	

* Other methods may apply. SKC recommends those listed.

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