

Gas Sampling Pump

Ensure accurate sample taking with a single stroke

Precision, hand-operated piston pump works with Sensidyne® gas detection tubes (order separately below). Features stroke counter, flow-finish indicator that signals stroke completion, and built-in tube-tip breaker. Includes soft case.



Gas sampling pump 81900-05 shown with sampling tube (tubes sold separately)

Description	Sample volume	Catalog number	Price
Gas sampling pump	50 and 100 cc	GH-81900-05	

Sensidyne® Gas Detection Tubes

Measure a wide variety of gases and vapors

- Stable absorbing media ensure clear, accurate results
- Calibration scales are printed on the basis of individual production lot—eliminating variation

Box of 10 single tubes (10 tests) or 10 twin tubes with rubber connector (5 tests/box).

HR—high range MR—mid-range LR—low range
XLR—extra low range SEI—certified by Safety Equipment Institute

Gas/vapor	Range	TLV	Cat. no.	Price/bx
Ammonia (LR)	50 to 900 ppm	25 ppm	GH-81900-70	
Ammonia (SEI)	10 to 260/5 to 130 ppm	25 ppm	GH-81900-71	
Ammonia (MR)	1 to 20/0.2 to 1 ppm	25 ppm	GH-81900-13	
Benzene (SEI)	1 to 100 ppm	10 ppm	GH-81900-14	
Carbon dioxide (SEI)	0.1 to 2.6%	5000 ppm	GH-81900-80	
Carbon dioxide	1 to 20%	5000 ppm	GH-81900-15	
Carbon monoxide (XLR)	1 to 50 ppm	25 ppm	GH-81900-16	
Chlorine (SEI)	0.1 to 10/0.1 to 0.5 ppm	0.5 ppm	GH-81900-81	
Ethylene	0.1 to 100 ppm	asphyx	GH-81900-82	
Hydrocarbon, high-class	50 to 1400 ppm	—	GH-81900-23	
Hydrogen chloride (SEI)	0.4 to 40 ppm	5 ppm	GH-81900-25	
Hydrogen cyanide (SEI)	0.5 to 100 ppm	5 mg/m ³	GH-81900-26[†]	
Hydrogen fluoride	1 to 30 ppm	3 ppm	GH-81900-27	
Hydrogen sulfide	0.2 to 5 ppm	10 ppm	GH-81900-85	
Hydrogen sulfide (SEI)	1 to 60 ppm	10 ppm	GH-81900-84	
Hydrogen sulfide (LR)	3 to 150/0.75 to 37.5 ppm	10 ppm	GH-81900-76	
Hydrogen sulfide (MR)	100 to 2000 ppm	10 ppm	GH-81900-75	
Hydrogen sulfide (HR)	0.05 to 1.2%	10 ppm	GH-81900-28	
Mercury vapor	0.5 to 10 mg/m ³	0.025 mg/m ³	GH-81900-30	
Methanol	20 to 1000 ppm	200 ppm	GH-81900-87	
Methyl bromide	2.5 to 80 ppm	5 ppm	GH-81900-77[†]	
Nitrogen dioxide	0.5 to 30 ppm	3 ppm	GH-81900-78	
Nitrogen oxide	10 to 300 ppm NO 1 to 40 ppm NO ₂	25 ppm NO 3 ppm NO ₂	GH-81900-31	
Oxygen	1.5 to 24%	—	GH-81900-32	
Ozone	0.05 to 3.0 ppm	0.05 ppm	GH-81900-86	
Sulfur dioxide (SEI)	1 to 60 ppm	2 ppm	GH-81900-89	

[†]Models contain 10 twin tubes (5 tests/box).

[‡]Store at 5 to 10°C (40 to 50°F) or below.

RAE Systems Gas Detection Tubes

Sharp, clear color change for unambiguous measurements

- Precalibrated, maintenance-free tubes accurately and reproducibly indicate toxic gas concentrations

Box of 10 tubes.



Gas	Range	TLV (ppm)	Catalog number	Price/box
Ammonia	5 to 100 ppm	25	GH-86260-51	
Ammonia	25 to 500 ppm	25	GH-86260-52	
Benzene	5 to 100 ppm	10	GH-86260-55	
Carbon dioxide	0.05 to 1%	5000	GH-86260-56	
Carbon dioxide	1 to 20%	5000	GH-86260-57	
Carbon dioxide	300 to 5000 ppm	5000	GH-86260-70	
Carbon monoxide	5 to 100 ppm	25	GH-86260-58	
Carbon monoxide	20 to 500 ppm	25	GH-86260-59	
Carbon monoxide	0.2 to 4%	25	GH-86260-60	
Chlorine	0.5 to 8 ppm	0.5	GH-86260-71	
Chlorine	5 to 100 ppm	0.5	GH-86260-61	
Hydrocarbons	50 to 1000 ppm	—	GH-86260-73	
Hydrogen chloride	1 to 20 ppm	5	GH-86260-74	
Hydrogen fluoride	0.5 to 20 ppm	3	GH-86260-75	
Hydrogen sulfide	0.2 to 3 ppm	10	GH-86260-76	
Hydrogen sulfide	2.5 to 60 ppm	10	GH-86260-62	
Hydrogen sulfide	10 to 120 ppm	10	GH-86260-77	
Hydrogen sulfide	25 to 250 ppm	10	GH-86260-78	
Hydrogen sulfide	50 to 800 ppm	10	GH-86260-63	
Hydrogen sulfide	100 to 2000 ppm	10	GH-86260-79	
Hydrogen sulfide	0.1 to 2%	10	GH-86260-64	
Hydrogen sulfide	2 to 40%	10	GH-86260-65	
Nitrogen oxides	1 to 50 ppm	—	GH-86260-66	
Sulfur dioxide	200 to 4000 ppm	2	GH-86260-68	
Water vapor	2 to 10 lbs/MMCF	—	GH-86260-84	
Water vapor	6 to 40 lbs/MMCF	—	GH-86260-85	

Teky's Tips



Easy-to-use colorimetric tubes:

1. Break off the tube tips at both ends.
2. Insert tube into pump (not included) and draw sample.
3. Read the concentration directly from the printed scale.