

Gas Analyzers

Features:

- Solid metal construction with RAE Systems' exclusive lifetime warranty
- Springless piston design for accurate 50 and 100 cc volumes
- Tube tip breaker and glass tip holder
- Clear end-of-flow indicator
- Tapered inlet design avoids leaks with different diameter tubes
- Simple stroke counter
- Additional accessories include remote sampling hoses with 15' (5 m) or 35' (11 m) lengths
- Kit includes: 50/100ml LP-1200 Piston Hand Pump, 2 spare inlet filters, spare rubber inlet, spare plunger gasket and carrying case
- Ask about our Pump Exchange Program



The **LP-1200** is a piston-type hand pump that draws a fixed volume of gas, selectable at either 50 mL or 100 mL by rotating the handle. A tight vacuum seal is formed by a greased plunger gasket. The tapered rubber inlet accommodates a range of tube diameters for different types of tubes. The inlet filter prevents glass pieces and dust from entering the shaft, and an end-of-flow indicator in the handle turns white when the gas sampling is complete. A pump stroke counter is rotated to keep track of the number of strokes completed. Using the standard number of pump strokes, the concentration of the gas is read from stain length directly matched to the printed scale after the listed sampling time has elapsed. When used with the standard one stroke, the readings will correspond directly to the printed scale on the tube.

Detector Tubes

Model	Gas to be measure	Range	Price
10-111-40	Acetone	0.1 - 2%	\$40
10-100-05	Ammonia	1 - 30 ppm	\$40
10-100-10	Ammonia	5 - 100 ppm	\$40
10-100-12	Ammonia	10 - 260 ppm	\$40
10-100-15	Ammonia	25 - 500 ppm	\$40
10-100-40	Ammonia	1 - 15%	\$40
10-101-01*	Benzene	0.5 - 10 ppm selective	\$40
10-101-05*	Benzene	0.5 - 40 ppm selective	\$40
10-101-10	Benzene	5 - 40 ppm	\$40
10-101-20	Benzene	5 - 100 ppm	\$40
10-137-30	Butane	25 - 1400 ppm	\$40
10-104-30	Carbon Dioxide	300 - 5000 ppm	\$40
10-104-40	Carbon Dioxide	0.05 - 1%	\$40
10-104-45	Carbon Dioxide	0.25 - 3%	\$40
10-104-50	Carbon Dioxide	1 - 20%	\$40
10-104-60	Carbon Dioxide	5 - 40%	\$40
10-102-18	Carbon Monoxide	5 - 100 ppm selective	\$40
10-102-20	Carbon Monoxide	5 - 100 ppm	\$40
10-102-30	Carbon Monoxide	20 - 500 ppm	\$40
10-102-45	Carbon Monoxide	0.2 - 4%	\$40
10-106-10	Chlorine	0.5 - 8 ppm	\$40
10-106-20	Chlorine	5 - 100 ppm	\$40
10-141-30	Ethanol	100 - 2000 ppm	\$40
10-121-05	Formaldehyde	0.1 - 5 ppm	\$40
10-138-30	Gasoline	30 - 1000 ppm	\$40
10-110-30	Hydrocarbons	50 - 1000 ppm	\$40
10-108-09*	Hydrogen Chloride	1 - 20 ppm	\$40
10-108-10	Hydrogen Chloride	1 - 20 ppm	\$40

* for a complete list of available tubes, please contact our sales representatives

Model	Description	Price
010-0001-000	Piston Hand Pump Kit	\$325

Model	Gas to be measure	Range	Price
10-108-19*	Hydrogen Chloride	20 - 500 ppm	\$40
10-108-20	Hydrogen Chloride	20 - 500 ppm	\$40
10-103-04	Hydrogen Sulfide	0.2 - 3 ppm	\$40
10-103-05*	Hydrogen Sulfide	0.2 - 3 ppm w/ desiccant	\$40
10-103-06	Hydrogen Sulfide	1 - 7 ppm	\$40
10-103-10	Hydrogen Sulfide	2.5 - 60 ppm	\$40
10-103-15	Hydrogen Sulfide	10 - 120 ppm	\$40
10-103-18	Hydrogen Sulfide	25 - 250 ppm	\$40
10-103-20	Hydrogen Sulfide	50 - 800 ppm	\$40
10-103-30	Hydrogen Sulfide	100 - 2000 ppm	\$40
10-103-40	Hydrogen Sulfide	0.1 - 2%	\$40
10-103-50	Hydrogen Sulfide	2 - 40%	\$40
10-113-20	Methyl Ethyl Ketone	0.02 - 0.6%	\$40
10-129-20	Mercaptans	5 - 120 ppm	\$40
10-117-10	Nitrogen Dioxide	0.5 - 30 ppm	\$40
10-133-03	Ozone	0.05 - 0.6 ppm	\$40
10-107-15	Sulfur Dioxide	2 - 30 ppm	\$40
10-107-20	Sulfur Dioxide	5 - 100 ppm	\$40
10-107-25	Sulfur Dioxide	100 - 1800 ppm	\$40
10-107-30	Sulfur Dioxide	200 - 4000 ppm	\$40
10-107-40	Sulfur Dioxide	0.2 - 5%	\$40
10-114-20	Toulene	10 - 300 ppm	\$40
10-119-20	Trichloroethylene	5 - 100 ppm	\$40
10-2128-10	Vinyl Chloride	1 - 20 ppm	\$40
10-120-10	Water Vapour	2 - 10 lbs / MMCF	\$40
10-120-20	Water Vapour	6 - 40 lbs / MMCF	\$40
10-120-30	Water Vapour	0.05 - 1 mmHg / L	\$40
10-120-40	Water Vapour	1 - 18 mmHg / L	\$40

Oxygen Analyzer



Features:

- Battery-powered, hand-held instrument
- Quickly and accurately measure levels of O₂ between 0 and 20.9%
- Highly visible 4-digit LCD with backlighting
- Supplied with stainless steel probe assembly for remote sampling
- Also includes 4 "AA" batteries and hard carrying case

Specifications:

Range:	0 to 20.0%
Resolution:	0.1%
Accuracy:	+0.4 to 8.0% O ₂
Warm up Time:	60 seconds
Power Supply:	4 x "AA" alkaline batteries
Battery Life:	Up to 18 hours continuous operation
Dimensions:	7.5 x 3.1 x 2.1" (190 x 79 x 53mm)
Weight:	16 oz w/ batteries

Model	Description	Price
19-8112	Oxygen Analyzer	\$731
24-8106	Replacement O ₂ Sensor	\$161

Carbon Monoxide Analyzer



Features:

- Battery-powered, hand-held instrument
- Quickly and accurately measure levels of CO between 0 and 2000 ppm
- Highly visible 4-digit LCD with backlighting
- Locates CO in ambient air as well as stack gases
- Supplied with stainless steel probe with integral water trap and five feet of tubing to sample CO found in flue gases or residential furnaces, combustion appliances, commercial and industrial boilers
- Also includes 4 "AA" batteries and hard carrying case

Specifications:

Range:	0 to 2000 ppm
Resolution:	1 ppm
Accuracy:	±5% rdg. or 10 ppm, whichever is greater
Warm up Time:	60 seconds
Power Supply:	4 x "AA" alkaline batteries
Battery Life:	Up to 18 hours continuous operation
Dimensions:	7.5 x 3.1 x 2.1" (190 x 79 x 53mm)
Weight:	16 oz w/ batteries

Model	Description	Price
19-8104	Carbon Monoxide Analyzer	\$593
24-7265	Replacement CO Sensor	\$184