



On-the-spot, compound-specific measurement of gases and vapours

Colorimetric Gas Detection Tubes and Pump



Key Features-Colorimetric Tubes

(See Colorimetric Tubes Part Numbers on next page)

- Wide assortment of tubes available to detect over 300 gases and vapours
- Easy to use, even in multiple layers of gloves
- Easy-to-read with sharp, clear colour change
- No calibration or other maintenance required

Key Features-Hand Pump (H-LP-1200)

(Piston Hand Pump Kit Part Number: H-010-0001-000)

- Ergonomic, durable hand pump
- Solid metal construction with lifetime warranty
- Springless piston design accurately draws 50 or 100 cc volumes

Typical Applications

- Oil and gas
- Chemicals and petrochemicals
- Agriculture and pest control
- Food and beverage production
- Environmental protection
- Fire service
- HazMat response
- National security



First responder uses Honeywell Colorimetric Tubes and Hand Pump to measure VOC levels inside a barrel.

Honeywell colorimetric gas detection tubes enable quick, on-the-spot measurement of a wide range of toxic and combustible gases and vapours.

Honeywell tubes are easy to read, and provide a sharp, clear colour change directly corresponding to the concentration of gas present. Honeywell tubes are compatible with the Honeywell piston hand pump, a reliable way to draw samples of an exact

volume required for the most accurate measurements.

- Quick, accurate, low-cost measurements
- Easy to read, with sharp, clear colour change
- No calibration needed



Colorimetric Gas Detection Tubes and Pump



Specifications

Type	Part Number	Standard Range	Extended Range
Acetone	H-10-111-40	0.1 to 2%	0.05 to 4%
Amines	H-10-132-10	0.5 to 10 ppmv	0.25 to 20 ppmv
Ammonia	H-10-100-05	1 to 30 ppmv	0.5 to 60 ppmv
	H-10-100-10	5 to 100 ppmv	2.5 to 200 ppmv
	H-10-100-12	10 to 260 ppmv	5 to 520 ppmv
	H-10-100-15	25 to 500 ppmv	12 to 1000 ppmv
	H-10-100-40	1 to 15%	0.5 to 30%
Benzene	H-10-101-01*	0.5 to 10 ppmv selective	0.25 to 30 ppmv
	H-10-101-10*	5 to 40 ppmv selective	2.5 to 200 ppmv
	H-10-101-20	5 to 100 ppmv	2.5 to 200 ppmv
1,3-Butadiene	H-10-135-04	0.5 to 5 ppmv	0.25 to 10 ppmv
n-Butane	H-10-137-30	25 to 1400 ppmv	12.5 to 2800 ppmv
Carbon Dioxide	H-10-104-30	300 to 5000 ppmv	150 to 10,000 ppmv
	H-10-104-40	0.05 to 1%	0.025 to 2%
	H-10-104-45	0.25 to 3%	0.125 to 6%
	H-10-104-50	1 to 20%	0.5 to 10%
	H-10-104-60	5 to 40%	1.25 to 20%
Carbon Monoxide	H-10-102-18	5 to 100 ppmv selective	2.5 to 300 ppmv
	H-10-102-20	5 to 100 ppmv	2.5 to 200 ppmv
	H-10-102-30	20 to 500 ppmv	10 to 1000 ppmv
	H-10-102-45	0.2 to 4%	0.1 to 8%
Chlorine	H-10-106-10	0.5 to 8 ppmv	0.25 to 16 ppmv
	H-10-106-20	5 to 100 ppmv	2.5 to 200 ppmv
Chlorine Dioxide	H-10-130-10	0.25 to 15 ppmv	0.05 to 30 ppmv
Diesel & Jet Fuel	H-10-143-10	0.5 to 25 ppmv	N/A
Ethanol	H-10-141-30	100 to 2000 ppmv	50 to 200 ppmv
Formaldehyde	H-10-121-05	0.1 to 5 ppmv	0.8 to 40 ppmv
Petrol	H-10-138-30	30 to 1000 ppmv	15 to 2000 ppmv
Hydrocarbons	H-10-110-30	50 to 1000 ppmv	25 to 2000 ppmv
Hydrogen Chloride	H-10-108-09	1 to 20 ppmv	0.5 to 40 ppmv
	H-10-108-10*	1 to 20 ppmv w/ desiccant	0.5 to 40 ppmv
	H-10-108-22	20 to 500 ppmv	10 to 1000 ppmv
Hydrogen Cyanide	H-10-126-10	2.5 to 60 ppmv	1.25 to 120 ppmv
Hydrogen Fluoride	H-10-105-10	0.5 to 20 ppmv	0.25 to 40 ppmv

Type	Part Number	Standard Range	Extended Range
Hydrogen Sulphide	H-10-103-04	0.2 to 3 ppmv	0.1 to 6 ppmv
	H-10-103-05*	0.2 to 3 ppmv w/ desiccant	0.1 to 6 ppmv
	H-10-103-06	1 to 7 ppmv	0.25 to 3.5 ppmv
	H-10-103-10	2.5 to 60 ppmv	1.25 to 120 ppmv
	H-10-103-12	0 to 150 ppmv	0 to 300 ppmv
	H-10-103-15	10 to 120 ppmv	5 to 240 ppmv
	H-10-103-18	25 to 250 ppmv	12.5 to 500 ppmv
	H-10-103-20	50 to 800 ppmv	25 to 1600 ppmv
	H-10-103-30	100 to 2000 ppmv	50 to 4000 ppmv
	H-10-103-40	0.1 to 2%	0.05 to 4%
MEK	H-10-113-20	0.02 to 0.6 %	0.01 to 1.8 %
Mercaptans	H-10-129-20	5 to 120 ppmv	2.5 to 240 ppmv
Methyl Bromide	H-10-131-10*	1 to 18 ppmv	0.5 to 36 ppmv
	H-10-131-30*	20 to 300 ppmv	10 to 600 ppmv
Nitric Acid	H-10-146-20	1 to 20 ppm	0.5 to 40 ppm
Nitrogen Dioxide	H-10-117-10	0.5 to 30 ppmv	N/A
Nitrogen Oxides	H-10-109-20*	1 to 50 ppmv	0.5 to 100 ppmv
Ozone	H-10-133-03	0.05 to 0.6 ppmv	0.15 to 1.8 ppmv
Phenol	H-10-139-05	1 to 25 ppmv	0.5 to 180 ppmv
Phosphine	H-10-116-10	5 to 50 ppmv	2.5 to 100 ppmv
	H-10-116-20	25 to 500 ppmv	12.5 to 1000 ppmv
	H-10-116-25	50 to 1000 ppmv	25 to 2000 ppmv
Sulphur Dioxide	H-10-107-15	2 to 30 ppmv	1 to 60 ppmv
	H-10-107-20	5 to 100 ppmv	2.5 to 200 ppmv
	H-10-107-25	100 to 1800 ppmv	50 to 3600 ppmv
	H-10-107-30	200 to 4000 ppmv	50 to 2000 ppmv
	H-10-107-40	0.2 to 5 %	0.1 to 10 %
Toluene	H-10-114-20	10 to 300 ppmv	5 to 600 ppmv
Trichloroethylene	H-10-119-20*	5 to 100 ppmv	2.5 to 230 ppmv
Vinyl Chloride	H-10-128-10*	1 to 20 ppmv	0.5 to 40 ppmv
Water Vapour	H-10-120-10	2 to 10 lbs/MMCF (0.03 to 0.16 mg/L)	1 to 20 lbs/MMCF
	H-10-120-20	6 to 40 lbs/MMCF (0.1 to 0.64 mg/L)	3 to 80 lbs/MMCF
	H-10-120-30	0.05 to 1 mg/L	0.025 to 2 mg/L
	H-10-120-40	1 to 18 mg/L	0.5 to 32 mg/L
Xylenes	H-10-112-20	10 to 200 ppmv	5 to 400 ppmv

* Box contains 5 colorimetric tubes and 5 pre-tubes, for a total of 5 measurements. Other boxes contain 10 colorimetric tubes.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.