



**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
<b>Acetone</b>	H-10-111-40	0.1 to 2%	0.05 to 4%
<b>Amines</b>	H-10-132-10	0.5 to 10 ppmv	0.25 to 20 ppmv
<b>Ammonia</b>	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%
<b>Benzene</b>	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
<b>1,3-Butadiene</b>	H-10-135-04	0.5 to 5 ppmv	0.25 to 10 ppmv
<b>n-Butane</b>	H-10-137-30	25 to 1400 ppmv	12.5 to 2800 ppmv
<b>Carbon Dioxide</b>	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%
<b>Carbon Monoxide</b>	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%
<b>Chlorine</b>	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
<b>Chlorine Dioxide</b>	H-10-130-10	0.25 to 15 ppmv	0.05 to 30 ppmv
<b>Diesel &amp; Jet Fuel</b>	H-10-143-10	0.5 to 25 ppmv	N/A
<b>Ethanol</b>	H-10-141-30	100 to 2000 ppmv	50 to 200 ppmv
<b>Formaldehyde</b>	H-10-121-05	0.1 to 5 ppmv	0.8 to 40 ppmv
<b>Petrol</b>	H-10-138-30	30 to 1000 ppmv	15 to 2000 ppmv
<b>Hydrocarbons</b>	H-10-110-30	50 to 1000 ppmv	25 to 2000 ppmv
<b>Hydrogen Chloride</b>	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
<b>Hydrogen Cyanide</b>	H-10-126-10	2.5 to 60 ppmv	1.25 to 120 ppmv
<b>Hydrogen Fluoride</b>	H-10-105-10	0.5 to 20 ppmv	0.25 to 40 ppmv

Type	Part Number	Standard Range	Extended Range
<b>Hydrogen Sulphide</b>	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%
<b>MEK</b>	H-10-113-20	0.02 to 0.6 %	0.01 to 1.8 %
<b>Mercaptans</b>	H-10-129-20	5 to 120 ppmv	2.5 to 240 ppmv
<b>Methyl Bromide</b>	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
<b>Nitric Acid</b>	H-10-146-20	1 to 20 ppm	0.5 to 40 ppm
<b>Nitrogen Dioxide</b>	H-10-117-10	0.5 to 30 ppmv	N/A
<b>Nitrogen Oxides</b>	H-10-109-20*	1 to 50 ppmv	0.5 to 100 ppmv
<b>Ozone</b>	H-10-133-03	0.05 to 0.6 ppmv	0.15 to 1.8 ppmv
<b>Phenol</b>	H-10-139-05	1 to 25 ppmv	0.5 to 180 ppmv
<b>Phosphine</b>	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
<b>Sulphur Dioxide</b>	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 %
<b>Toluene</b>	H-10-114-20	10 to 300 ppmv	5 to 600 ppmv
<b>Trichloroethylene</b>	H-10-119-20*	5 to 100 ppmv	2.5 to 230 ppmv
<b>Vinyl Chloride</b>	H-10-128-10*	1 to 20 ppmv	0.5 to 40 ppmv
<b>Water Vapour</b>	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
<b>Xylenes</b>	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.

# Honeywell Gas Detection



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