

Toxic gas detection kit TG-1



Quick, easy identification of toxic gases

The primary step towards being able to prevent hazardous gas generation at the workplace, as part of occupational hygiene and pollution control, is to acquire accurate data regarding the emitted gas types and their concentration levels. Our hazardous gas detection kit consists of 12 detector tubes.

- There is no need to possess special technology, knowledge or skills.
- Operation is simple. There is no need to carry out electrical or mechanical operations.
- One measurement takes place in 1-4 minutes, enabling the product to function rapidly in an emergency.
- There is no need for a power supply, so you can carry out measurement in any location whatever and judge the results on the spot.
- Both the initial cost and running costs are low, and maintenance is unnecessary.

Substance to be measured	Tube no. & name		Measuring range (ppm)	Scale range (ppm)	No. of tests per box	Detector tube type	Notes
Acetone	151L	Acetone	50-12000	50-4000	10	Short-term measurement	
Ammonia	3La	Ammonia	2.5-220	5-100	10	Short-term measurement	
Bromine	8La	Chlorine	0.05-0.8		10	Short-term measurement	
Carbon monoxide	1L	Carbon monoxide	2.5-2000	(25)-1000	10	Short-term measurement	
Ethyl acetate	141	Ethyl acetate	0.1-1.5%	0.1-1.5%	10	Short-term measurement	
Hydrogen chloride	14L	Hydrogen chloride	0.2-76	1-20	10	Short-term measurement	
Hydrogen cyanide	12L	Hydrogen cyanide	0.5-150	2.5-60	10	Short-term measurement	
Hydrogen sulphide	4LL	Hydrogen sulphide	0.25-120	(2.5)-60	10	Short-term measurement	For preventing oxygen depletion
Methanol	111L	Methanol	20-1000	40-1000	10	Short-term measurement	

Substance to be measured	Tube no. & name		Measuring range (ppm)	Scale range (ppm)	No. of tests per box	Detector tube type	Notes
Qualitative analysis	107	Polytec tube-1	Qualitative analysis	Qualitative analysis	10	Polytec	For firefighting Unknown Gases
Stoddard solvent	128	Stoddard solvent	50-8000mg/m ³	50-8000mg/m ³	10	Short-term measurement	
1,1,1-Trichloroethane	135	1,1,1-Trichloroethane(Methyl chloroform)	100-2000	100-500	5	Short-term measurement	

How to use

1. Airstream check using a smoke tester
2. Commencement of measurement using detector tube polytec No. 107 for qualitative measurement of an unknown gas
3. Progressive measurement using a detector tube, according to the judgment of a matrix diagram
4. Judgment (gas name check, non-existent, below the detection limit)