

### Sampling Kit

*For SF6 decomposition products*

Detection tube SF6 decomposition products in conjunction with the sampling system (pressure reducer) is used to analyze the content of decomposition products in SF6 isolation gas used in high voltage switch gear and other electrical installations.



### PromilleTest

*Alcohol Test Breathalyser Tubes*

The Alcohol Test Breathalyser Tubes enables the alcohol content in blood to be determined reliably and easily. These tubes are used for precautionary check after alcohol consumption or residual alcohol before driving as well as check of alcohol prohibition as applicable to certain occupational activities.



### Industry Action Set



Industry Action Sets are variety packs of various detector tubes, designed specifically for different needs. MSA offers Industry Action Sets for the following industries: Agricultural, Pharmaceutical, Petroleum, Mining, Pulp and Paper, Synthetics Manufacturing, and Semiconductor.

### Ventilation Smoke Tubes

*Indicating air flow patterns*



Indicate the airflow in a room and/or find leakages in pipelines with the KWIK-DRAW™ Smoke Tubes.

# Gas Detection Tubes and Pumps

Protection for Man and the Environment





## Detector Tubes

For indication of ultra toxic chemicals



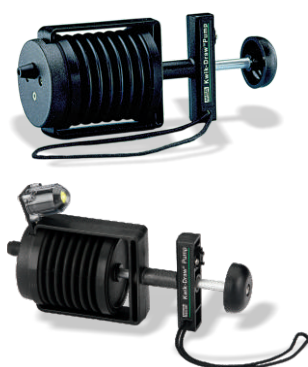
KWIK-DRAW™ detector tubes are a reliable method of spot testing for more than 200 hazardous gases and vapors. The highly sensitive detector tubes are designed for evaluation of the potential presence of ultra toxic chemical substances in the air and are resistant to interfering substances.

## KWIK-DRAW™ Detector Tube Pumps

Mechanically controlled detector tube pumps

### KWIK-DRAW™ Basic Detector Tube Pump:

Allow detection of gases and vapors with the squeeze of a handle. An integral, easy-to-read stroke counter shows the exact number of strokes performed and provides a positive stop when the stroke is fully compressed.



### KWIK-DRAW™ Deluxe Detector Tube Pump:

A second model, the Kwik-Draw Deluxe Detector Tube Pump, has a unique end-of-stroke indicator that "winks" after the precise volume of air is drawn, confirming that enough air has been sampled for a successful reading.

## Airtester HP, MP Kit and Detector Tubes

Monitoring compressed air for breathing apparatus

In conjunction with Airtester HP [high pressure 200 bar and 300 psi] or Airtester MP (medium pressure up to 10 bar; 145 psi) the HP and MP Detector Tubes are used to monitor the purity of breathing air as supplied from compressors, pressure cylinders or medium pressure air lines. The HP and MP Detector Tubes can indicate quickly and quantitatively the concentration of water vapour, oil, carbon dioxide, carbon monoxide, nitrous fumes according to quality requirements of European Standard DIN EN 12021 (01/99).



## Toximeter® II Automatic Detector Tube Pump

Electronically controlled detector tube pump



The Toximeter II Automatic Detector Tube Pump makes the sampling process easier, allowing the user to preset the number of pump strokes (from 1 to 250 pump strokes). Intrinsically safe, the automatic pump works with all KWIK-DRAW™ detector tubes. Additionally, can also be used as a sampling pump.

## Gas-Tester Detector Tube Pump

Mechanically forced detector tube pump

The Gas-Tester II H with incorporated stroke counter is a manually operated detector tube pump. GT II H with detector tubes are used to monitor the ambient air or the air in confined spaces for hazardous gases.

### Gas Tester Detector Tube Pump:

An easy and low cost pump that can be used with one hand, by pressing the rubber bulb with only your thumb.



## Water Analysis Kit

For volatile substances



The water analysis kit permits a quick and easy determination of volatile substances such as perchloroethylene, benzene, etc., in a water sample. A detector tube pump is necessary for the use of detector tubes (KWIK-DRAW™ Gas-Tester, Gas-Tester II H, Toximeter II)



## Indoor Air Set

Quick check for indoor air quality



The Indoor Air Set provides a quick assessment and first information of the indoor environment in a wide variety of workplaces offices and other rooms.

## Biogas-Reactor Kit

Simple way of monitoring fermentation processes



An easy and cost effective method of monitoring the fermentation in biogas reactors is possible with the Biogas-Reactor Kit.

## Action Detector Tubes

Fast evaluation of dangerous situations



A quick evaluation of the potential danger resulting from fires, accidents and other disasters is achieved with the Action Detector Tubes. A special calibration permits the use of most of the Action tubes with only two pump strokes. To ensure a fast and simple reading only two warning markings are printed on the Action Tubes.