

# Information Data Sheet

**Detector Tube      Multigas- I Detector Tube**

**Part No. (US):**

**Part No.                      D7094870**



**1. Application**

Qualitative analysis of unknown gases listed in the Specifications in air or in technical gases.

**2. Detector Tube Sampling Pump**

KWIK DRAW(formerly MSA AUER) Gas-Tester® I/H, Gas-Tester® I / ThumbPump™-Sampler, Toximeter® II, Uniphos Kwik-Draw™-Pump or other suitable detector tubes pumps. Observe respective instructions for use.

**3. Measuring Range**

Qualitative, Sampling volume 3 strokes ( n=3)

**4. Chemical Reaction and Color Change**

On reaction of target gas with iodine pentoxide, Iodine will be liberated to produce a discolouration.

Target Gas Name	Concentration (ppm)	Colour Change
Toluene	9	Brown
Xylene	10	Brown
Benzene	22	Brown
Trichloroethylene	16	Brown with green top
Carbon monoxide	10	Brown-green
Styrene	10	Brown
Gasoline	100	Brown
Ethylene	70	Greenish brown
Acetylene	10	Brown
Acetone	1000	Orange with green top
Hydrogen Sulphide	10	Greenish brown
Carbon disulphide	1	Greenish brown
Propane, Propylene	100	Brown

**5. Ambient Conditions During Sampling**

Detector tubes can be used between 0°C and 40°C (32°F and 104°F) and between 10% rh (0.9 g/m<sup>3</sup> at 10°C [50°F]) and 90% rh (27 g/m<sup>3</sup> at 30°C [86°F]).

*Manufactured By:*

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