

Part No. D7094870

Part No. (US): D7094870

Performance :

Measurement Range	Qualitative
Number of Strokes	3
Sampling Time	25 - 35 seconds per stroke
Relative Standard Deviation	Not applicable
Colour Change	White → Green/brown

Reaction Principle :

Reduction of iodine pentoxide results in liberation of iodine, which produces brown or green color change. See Table-1.

Operating Conditions :

Detector tubes can be used between 10 °C and 50 °C (50 °F and 120 °F) and between 20% RH (1.9 mg/l at 10°C [50°F]) and 90% RH (75 mg/l at 50°C [120°F]).

Table-1:

Target Gas Name	Concentration (ppm)	Concentration (ppm)
Trichoroethylene	16	Green Brown
Carbon Monoxide	10	Green Brown
Ethylene	70	Green Brown
Hydrogen Sulphide	10	Green Brown
Carbon Disulphide	1	Green Brown
Acetone	1000	Green Brown
Toluene	9	Brown
Xylene	10	Brown
Benzene	22	Brown
Styrene	10	Brown
Gasoline	100	Brown
Acetylene	10	Brown
Propane, Propylene	100	Brown



TLV(TWA): -----

TLV(STEL): -----

Flammable Range: ----