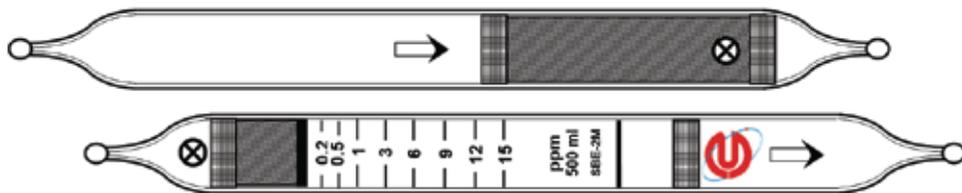
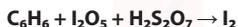


Benzene**SBE-2M****Specification :**

Measurement Range	Extended	Standard	Extended
	0.1 - 0.2 ppm	0.2 - 15 ppm	15 - 75 ppm
No. of Pump Strokes	10 (1000 ml)	5 (500 ml)	1 (100 ml)
Volume Correction Factor (VCF)*	0.5	1.0	5
Sampling Time	1.5 minutes per pump stroke (100 ml)		
Color Change	White → Brown		
Detection Limit	0.05 ppm (10 pump strokes)		
Shelf Life	1 year		
Relative standard deviation	± 10 - 15 %		

* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

Reaction Principle :**Possible Interferences :**

Compound	Concentration (ppm)	Interference	Color Change / Comments
Toluene	≥ 5	+	Brown
Xylene	≥ 15	+	Brown
CO	≥ 10	+	Brown
Hexane	≥ 15	+	Brown

Correction For Environmental Parameters :

Temperature (°C):	10	20	30	40
Temperature Correction Factor (TCF) *:	1.09	1	0.95	0.89
Relative humidity	Not necessary between 10 - 90 %.			

* Multiply the observed reading by the correction factor (VCFXTCF) to obtain the true concentration.

Calibration Of The Tube :

Static gas dilution method.

TLV (TWA): 0.02 ppm

TLV (STEL): -----

Flammable Range: 1.3-7.8 %