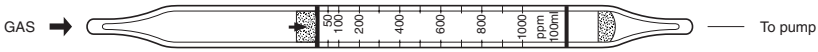
Tube No.
120SF

HYDROGEN SULPHIDE



1. PERFORMANCE

1) Measuring range	: 100-2,000 ppm	50-1,000 ppm	25-500 ppm
Number of pump strokes	1/2 (50mℓ)	1 (100mℓ)	2 (100mℓ)
2) Sampling time	: 1.5 minutes/1 pump stroke		1 minute/1/2 pump strokes
3) Detectable limit	: 0.5 ppm (100mℓ)		
4) Shelf life	: 3 years		
5) Operating temperature	: 0 ~ 40℃		
6) Reading	: Direct reading from the scale calibrated by 1 pump stroke		
7) Colour change	: White → Black		

2. RELATIVE STANDARD DEVIATION

RSD-low : 10 % RSD-mid. : 10 % RSD-high : 10 %

3. CHEMICAL REACTION

$H_2S + 2AgNO_3 \rightarrow Ag_2S$

4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Sulphur dioxide	The accuracy of readings is not affected.	5000	Lower readings are given.
Mercaptans	Pale yellow stain is produced.	50	The mixmum end point of the stain is indiscernible, and higher readings are given.

(NOTE)

In case of 1/2 and 2 pump strokes, following formula is available for the actual concentration.

1/2 pump strokes : Actual concentration = 2 × Reading value

2 pump strokes : Actual concentration = 0.5 × Reading value