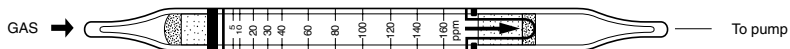


Tube No.
140SA

ARSINE



1. PERFORMANCE

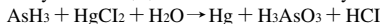
- 1) Measuring range : 5-160 ppm
Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : 1 ppm
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : White → Dark brown

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Mercury chloride (II) is reduced and Mercury is liberated.



4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Hydrogen selenide	Similar stain is produced.	5	Higher readings are given.
Hydrogen sulphide	∕	5	∕
Phosphine	∕	5	∕