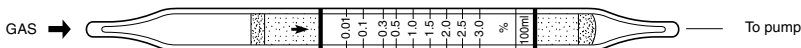


Tube No.
112SA

HYDROGEN CYANIDE



1. PERFORMANCE

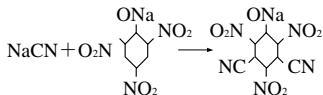
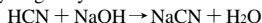
- 1) Measuring range : 0.01-3.0 %
Number of pump strokes 1 (100ml)
- 2) Sampling time : 2 minutes/1 pump stroke
- 3) Detectable limit : 10 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : Yellow → Brownish red

2. RELATIVE STANDARD DEVIATION

RSD-low : 10 % RSD-mid. : 5 % RSD-high : 5 %

3. CHEMICAL REACTION

Hydrogen cyanide reacts with Sodium picrate.



4. CALIBRATION OF THE TUBE

COLOURIMETRY METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Sulphur dioxide	Similar stain is produced.	200	Higher readings are given.
Hydrogen sulphide	∕	100	∕
Dicyanide	∕		∕
Carbon disulphide	∕		∕
Acetone	∕		∕