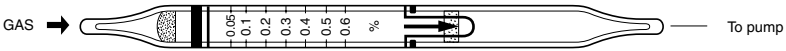
Tube No.
221SA

n-BUTANE



1. PERFORMANCE

1) Measuring range : 0.05-0.6 %
   Number of pump strokes 1 (100mℓ)
2) Sampling time : 4 minutes/1 pump stroke
3) Detectable limit : 20 ppm
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 : Orange → Brown

2. RELATIVE STANDARD DEVIATION

RSD-low : 15 % RSD-mid. : 15 % RSD-high : 15 %

3. CHEMICAL REACTION

Chromium oxide is reduced.

$CH_3(CH_2)_2CH_3 + Cr^{6+} + H_2SO_4 \rightarrow Cr^{3+}$

4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Toluene	Similar stain is produced.	Higher readings are given.
Hexane	〃	〃
Trichloroethylene	〃	〃