



1. PERFORMANCE

- | | | |
|--------------------------|--|---------------|
| 1) Measuring range | : 200-4,000 ppm | 100-1,400 ppm |
| Number of pump strokes | 1/2 (50mℓ) | 1 (100mℓ) |
| 2) Sampling time | : 1.5 minutes/1 pump stroke | |
| 3) Detectable limit | : — | |
| 4) Shelf life | : 2 years | |
| 5) Operating temperature | : 15 ~ 25 °C | |
| 6) Reading | : Graduations printed on the tube are calibrated by n-Hexane at 1 pump stroke and 2, 2, 4-Trimethyl Pentane concentration is determined by using a conversion chart at 1/2 and 1 pump strokes. | |
| 7) Colour change | : Orange → Yellowish green | |

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Chromium oxide is reduced

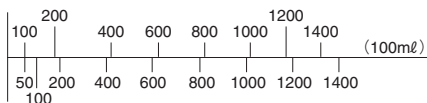


4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

(for 1 pump stroke)

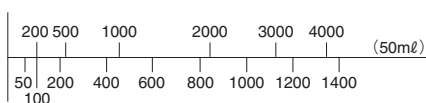
2, 2, 4-Trimethyl Pentane concentration (ppm)



No. 113SB Tube reading (ppm)

(for 1/2 pump strokes)

2, 2, 4-Trimethyl Pentane concentration (ppm)



No. 113SB Tube reading (ppm)