



1. PERFORMANCE

- 1) Measuring range : 20-160 mg/m³
- 2) Detectable limit : 15 mg/m³
- 3) Shelf life : 2 years
- 4) Operating temperature : 0 ~ 40 °C
- 5) Reading : Direct reading from the scale printed on the tube
- 6) Colour change : Yellow → Yellowish green or Blue

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By reacting with Magnesium perchlorate, complex salt is produced and PH indicator is discoloured.
 $\text{H}_2\text{O} + \text{Mg}(\text{ClO}_4)_2 \rightarrow \text{Mg}(\text{ClO}_4)_2 + \text{H}_2\text{O}$

4. CALIBRATION OF THE TUBE

DEW-POINT METER

5. PRESET/MEASUREMENT CONDITIONS

PRESET CONDITION

- 1) 2nd pressure : 1.0 kg/cm² (100 Kpa)
- 2) Flow rate : 2.0 ℓ/min.

MEASUREMENT CONDITION

Sampling time : 1.0 minutes

See specific instructions for Sensidyne hardware