COMPRESSED BREATHING AIR TEST TUBE FOR CARBON DIOXIDE



1. PERFORMANCE

1) Measuring range : 100-3,000 ppm 2) Sampling time : 2 minutes 3) Detectable limit 20 ppm 4) Shelf life 2 years : 0 ~ 40 ℃ 5) Operating temperature

: Direct reading from the scale printed on the tube 6) Reading 7) Colour change : Purplish blue → Pale pink

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By reacting with an Alkali, PH indicator is discoloured. $CO_2 + 2NaOH \rightarrow Na_2CO_3 + H_2O$

4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

5. PRESET

PRESET CONDITION

: 1.0 kgf/cm² (100 Kpa) 1) 2nd pressure

2) Flow rate : 1.0 ℓ/min.

